

XX	New isolated G protein coupled receptor polypeptides and polynucleotides,
PT	useful in gene therapy, particularly for treating or preventing
PT	cardiomyopathy, atherosclerosis, diabetes, multiple sclerosis, Crohn's
PR	disease or cancer.
XX	
PS	Example 2; Page 234; 252pp; English.
XX	
CC	This invention relates to a new isolated G-protein coupled receptor
CC	(GPCRX) polypeptide sequence and the cDNA encoding it. The GPCRX
CC	polypeptide, GPCRX nucleic acid and an antibody specific to the protein
CC	are useful for treating, preventing or alleviating a GPCRX-associated
CC	disorder or a pathological state in a subject, particularly a human. In
CC	particular, the disorder is cardiomyopathy, atherosclerosis, diabetes, or
CC	a disorder related to cell signal processing and metabolic pathway
CC	modulation. The GPCRX polypeptide and nucleic acid are also useful for
CC	diagnosing the presence of or predisposition to a disease associated with
CC	altered levels of GPCRX, particularly cancer. The GPCRX nucleic acid and
CC	polypeptide are especially useful in the manufacture of a medicament for
CC	therapeutic or prophylactic applications for disorders associated with
CC	aberrant GPCRX expression or activity, e.g. Von Hippel-Lindau syndrome,
CC	Alzheimer's disease, stroke, tubercous sclerosis, hypercalcaemia,
CC	Parkinson's disease, Huntington's disease, cerebral palsy, epilepsy,
CC	leech-nyhan syndrome, multiple sclerosis, ataxia-telangiectasia,
CC	leukodystrophies, addiction, anxiety, depression, pain, obesity, Crohn's
CC	disease, osteoporosis, inflammatory bowel disease, infertility,
CC	hypertension, scleroderma, haemophilia, asthma, arthritis, human
CC	immunodeficiency virus, autoimmune disease; HIV, viral, fungal, bacterial
CC	or protozoal infections, or graft-versus -host disease. The DNA encoding
CC	the protein is useful in gene therapy for treating the above conditions.
CC	The polypeptides can be used as immunogens to produce antibodies and as
CC	vaccines. The nucleic acids are further used as hybridisation probes, in
CC	pharmacome mapping, tissue typing, preventive medicine, and
CC	pharmacogenomics. These are also useful in developing powerful assay
CC	system for functional analysis of various human disorders, as well as in
CC	diagnostic applications. The present sequence represents a real time PCR
CC	primer used to quantitate expression of the human G protein coupled
CC	receptor related protein (GPCR) of the invention
SO	Sequence 22 BP; 3 A; 8 C; 1 G; 10 T; 0 U; 0 Other;
OY	Query Match            0.2%;    Score 14.6;    DB 1;    Length 22; Best Local Similarity    81.0%;    Pred. No. 2.4e+03; Matches    17;    Conservative    0;    Mismatches    4;    Indels    0;    Gaps    0;
Dn	5321 TCCTTTCTCTTGCGCTCA 5341                   1 TCCCTCTCTGTCATTCTCA 21
RESULT 3428	
ABL49702/C	
ID	ABL49702 standard; DNA; 22 BP.
AC	
XX	ABL49702;
DT	
XX	28-MAY-2002 (first entry)
DE	Mouse fat accumulation promoting related PCR primer SEQ ID NO:10.
XX	
KW	Mouse; fat accumulation; promotion; inhibition; adipocyte; fat content;
KW	antiandebic; antiiphaetic; hypocensive; antarteriosclerotic; cardiant;
KW	antidiabetic; fat accumulation; hypotensive; antarteriosclerotic; cardiant;
KW	diabetes; hyperlipaemia; hypertension; arteriosclerosis; angina;
KX	coronary artery disease; myocardial infarction; PCK primer; ss.
OS	
XX	Mus sp.
PN	
XX	WO200210772-A1.
PD	
XX	07-FEB-2002.
PF	16-JUL-2001; 2001WO-JP006132.

XX 31-JUL-2000; 2000JP-00230781.  
PR  
XX (SUMO ) SUMITOMO CHEM CO LTD.  
PA  
XX Nishizawa M, Akiyoshi M, Murakami H;  
PI WPI, 2002-198787/24.  
XX  
XX  
XX Analysis of accumulated fat content of adipocytes for screening of  
PT potential inhibitors and promoters of adipocyte fat accumulation,  
PT comprises using a fat accumulation promoting protein.

Example 12; Page 66; 71pp; Japanese.

The present invention describes the analysis of accumulated fat content of adipocytes comprising: (a) contacting the adipocytes with a fat accumulation promoting protein having a molecular weight above 6 kDa; and (b) assaying the fat content of the adipocytes. Also described is: (1) assessing the efficacy of a potential fat accumulation inhibitor or promoter by comparing the fat accumulation in adipocytes in the presence and absence of the test substance; (2) fat accumulation inhibitors and promoters identified by: (1); (3) DNA encoding the fat accumulation promoting protein; (4) adipocytes transformed by (3); (5) transgenic non-human animals transformed by (3); and (6) the use of (5) for assessing the efficacy of a potential fat accumulation inhibitor or promoter. Fat accumulation promoting and inhibiting proteins have antidiabetic, anti-lipaeamic, hypotensive, antiarteriosclerotic, cardiac and antianginal activities. The method of the invention can be used for the identification of fat accumulation regulating agents for use in the treatment and prevention of fat-associated diseases such as diabetes, hyperlipidaemia, hypertension, arteriosclerosis, coronary artery disease, angina and myocardial infarction. The present sequence represents a PCR primer for a mouse fat accumulation promoting protein, which is used in an example from the present invention

CC CC  
CC Sequence 22 BP; 8 A; 7 C; 3 G; 4 T; 0 U; 0 Other;  
SQ

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4646 TGGATTTCCTCTTGAGGAG 4666  
||| ||| ||| ||| ||| |||  
DB 21 TGGATTGCCTCATGTGGAG 1

RESULT 3429  
ABQ88555/c  
ID ABQ88555 standard; DNA; 22 BP.  
XX  
XX AC ABQ88555;  
XX  
XX DT 23-SEP-2002 (first entry)  
DE Human GPCR reverse PCR primer SEQ ID NO:267.  
XX  
XX Human; G protein coupled receptor; GPCR; GPCRX; neuroprotective;  
KM nootropic; anti-HIV; antisclerotic; antiarteriosclerotic; cytostatic;  
KM immunomodulator; antiinflammatory; antidiabetic; anorectic; haemostatic;  
KM antibacterial; fungicide; protozoal; vitruclide; nephrotoxic; osteopathic;  
KM cardiant; antifungal; antiallergic; hepatotoxic; antiparkinsonian; HIV;  
KM vaccant; gene therapy; cell signal processing; cardiomyopathy; diabetes;  
KM metabolic pathway modulation; atherosclerosis; cancer; obesity; asthma;  
KM infection; Parkinson's disease; osteoporosis; Crohn's disease; ulcer;  
KM allergy; cirrhosis; glomerulonephritis; stroke; haematopoietic disorder;  
XX systemic lupus erythematosus; PCR primer; ss.  
XX  
XX OS Homo sapiens.  
OS Synthetic.  
XX WO2000250276-A2.  
PN XX

PD 27-JUN-2002.  
 XX 18-DEC-2001; 2001WO-US049347.  
 XX 18-DEC-2000; 2000US-0256635P.  
 PR 21-DEC-2000; 2000US-0257876P.  
 PR 04-JAN-2001; 2001US-0259743P.  
 PR 10-JAN-2001; 2001US-0260718P.  
 PR 12-JAN-2001; 2001US-0261498P.  
 PR 24-JAN-2001; 2001US-0263689P.  
 PR 08-FEB-2001; 2001US-0267464P.  
 PR 22-FEB-2001; 2001US-0271021P.  
 PR 14-MAR-2001; 2001US-0275946P.  
 PR 23-MAR-2001; 2001US-0278150P.  
 PR 18-APR-2001; 2001US-0284591P.  
 PR 23-APR-2001; 2001US-0285718P.  
 PR 19-JUN-2001; 2001US-0293327P.  
 PR 16-AUG-2001; 2001US-0312902P.  
 XX  
 PA (CURA-) CURAGEN CORP.  
 XX  
 PI Li L, Padigaru M, Ballinger RA, Kekuda R, Colman SD, Sciore P,  
 PI Smithson G, Peyman JA, Macdougall JR, Stone D, Vermet CAM, Shenoy S,  
 PI Gunther E, Millet I, Tcherev VT, Anderson D, Gusev V, Malyankar UM,  
 PI Zhong H, Ellerman KE, Wolenc A;  
 XX  
 DR WPI; 2002-557660/59.  
 XX  
 PT New isolated human G-protein coupled receptor X (GPCRX) polypeptide,  
 PT useful for treating or preventing GPCR-associated disorders e.g.  
 PT diabetes, atherosclerosis, cancer or obesity.  
 XX  
 PS Example 3; Page 248; 354pp; English.  
 XX  
 CC ABQ8354 to ABQ8417 represent human G protein coupled receptor (GPCR)  
 CC cDNA sequences, and ABP51560 to ABP51624 represent human GPCR proteins  
 CC from the present invention. GPCR sequences can have neuroprotective,  
 CC neurotropic, anti-HIV, antiasthmatic, antiarteriosclerotic, cyostatic,  
 CC immunomodulator, antiinflammatory, antidiabetic, anorectic, haemostatic,  
 CC antibacterial, fungicide, protozoal, virucide, nephrotoxic, osteopathic,  
 CC cardiant, antidiabetic, antiallergic, hepatotropic and antiparkinsonian  
 CC activities, and can be used in vaccines and gene therapy. GPCR proteins,  
 CC nucleic acid molecules, and antibodies from the present invention can be  
 CC used for manufacturing a medicament for treating or preventing a GPCR-  
 CC associated disorder or syndrome related to cell signal processing and  
 CC metabolic pathway modulation, such as cardiomyopathy, atherosclerosis,  
 CC diabetes, cancer, obesity, infections (bacterial, fungal, protozoal or  
 CC viral), HIV, asthma, Parkinson's disease, osteoporosis, Crohn's disease,  
 CC ulcer, allergies, cirrhosis, glomerulonephritis, stroke, systemic lupus  
 CC erythematosus, or haematopoietic disorders. Anti-GPCR antibodies can be  
 CC used diagnostically to monitor protein levels in tissues as part of a  
 CC clinical testing procedure such as in determining the efficacy of a given  
 CC treatment regimen. ABQ8418 to ABQ8639 represent PCR primers and probes  
 CC for the human GPCRs of the present invention  
 XX  
 SQ Sequence 22 BP; 12 A; 3 C; 6 G; 1 T; 0 U; 0 Other;  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 OY 3921 CTTTGGCTTTCTTCCTCCT 3941  
 DB 21 CTTTGGCTTTCTTCATCCT 1  
 RESULT 3430  
 ID ABL55009 standard; DNA; 22 BP.  
 XX ABL55009;  
 AC  
 XX 08-OCT-2002 (first entry)  
 DT

XX  
 DE Human lymphoma-specific immunoglobulin PCR primer VkapazL.  
 XX  
 KM Human; lymphoma; immunoglobulin; B-cell mediated pathology; cytostatic;  
 KM immunosuppressive; dermatological; antiinflammatory; neuroprotective;  
 KM antidiabetic; antithyroid; autoimmune disease; B-cell lymphoma; PCR;  
 KM primer; ss.  
 XX  
 OS Homo sapiens.  
 XX  
 EN WO200213862-A2.  
 XX  
 PD 21-FEB-2002.  
 XX  
 PF 10-AUG-2001; 2001WO-US025204.  
 XX  
 PR 11-AUG-2000; 2000US-0224722P.  
 PR 11-AUG-2000; 2000US-0224723P.  
 PR 23-MAR-2001; 2001US-0279079P.  
 XX  
 XX (FAVR-) FAVRILE INC.  
 XX  
 XX Gold DP, Shopes RJ;  
 PI  
 DR WPI; 2002-280742/32.  
 XX  
 PT Composition for altering B-cell mediated pathology, has a chimeric  
 PT protein having portion of variable region of heavy chain or light chain  
 PT linked to portion constant region associated with patient B cell clone.  
 XX  
 PS Example 1; Page 44; 100pp; English.  
 XX  
 CC The sequence represents a PCR primer used in the invention to amplify  
 CC lymphoma-specific immunoglobulin heavy and light chains. The invention  
 CC relates to a novel composition for altering a B-cell mediated pathology  
 CC in a patient. The composition contains a chimeric protein comprising at  
 CC least a portion of a variable region of heavy chain or light chain (VH or  
 CC VL) linked to at least a portion of an immunoglobulin constant region,  
 CC where VH or VL region is associated with a B cell clone from the patient  
 CC having the B cell mediated pathology. The composition of the invention  
 CC has cytostatic, immunosuppressive, dermatological, antiinflammatory,  
 CC neuroprotective, antidiabetic, and antithyroid activity. The composition  
 CC is a vaccine useful for altering a B cell mediated pathology. This  
 CC includes B cell lymphoma e.g. non-Hodgkins lymphoma, refractory low grade  
 CC or follicular B-cell lymphoma; autoimmune disease e.g. multiple  
 CC sclerosis, systemic lupus erythematosus, anti-Hu associated  
 CC paraneoplastic neurological syndrome, autoimmune hepatitis, Type I  
 CC diabetes, autoimmune thyroiditis and scleroderma. The pathology is  
 CC treated by administering the composition to the patient, preferably with  
 CC a cytokine e.g. granulocyte-macrophage-colony stimulating factor (GM-CSF)  
 CC or chemokine e.g. monocyte chemotactic protein 3 (MCR 3)  
 XX  
 SQ Sequence 22 BP; 3 A; 6 C; 7 G; 6 T; 0 U; 0 Other;  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 OY 2824 CTTTCCAGCCCGAGAGCTG 2844  
 DB 22 CATTAGCAGCCCGAGAGCTG 2  
 RESULT 3431  
 ID ABO93599 standard; DNA; 22 BP.  
 XX ABO93599;  
 AC  
 XX 16-OCT-2002 (first entry)  
 DT  
 XX Human DISC1/DISC2 PCR primer disc13 fl.  
 XX

KW Human; Disrupted in Schizophrenia 1; DISC1; neuroleptic; gene therapy;  
 KW neuropsychiatric disorder; schizoaffective disorder; bipolar disorder;  
 KW unipolar affective disorder; adolescent conduct disorder; schizophrenia;  
 KW PCR; primer; ss.  
 OS Homo sapiens.  
 PN WO200258637-A2.  
 XX  
 PD 01-AUG-2002.  
 XX  
 PF 23-JAN-2002; 2002WO-US002186.  
 XX  
 PR 24-JAN-2001; 2001US-00770107.  
 XX  
 PA (MILL-) MILLENITUM PHARM INC.  
 PI Meyer JM, Barrington-Martin R, Parker A, Barnes GR,  
 DR WPI; 2002-590791/63.  
 XX  
 PT New human Disrupted-In-Schizophrenia (DISC) 1 and DISC2 genes containing  
 PT single nucleotide polymorphisms, useful for preventing or treating  
 PT neuropsychiatric disorders e.g. schizophrenia.  
 XX  
 PS Claim 17; Fig 4; 169pp; English.  
 CC The invention relates to a novel Disrupted-In-Schizophrenia (DISC) 1  
 CC allelic variant polynucleotide. The polypeptides of the invention have  
 CC neuroleptic activity. The polynucleotides may have a use in gene therapy.  
 CC DISC1 or DISC2 nucleic acid molecules are useful for diagnosing or  
 CC treating a subject having a disease or disorder associated with specific  
 CC DISC1 or DISC2 alleles and/or aberrant DISC1 expression or activity e.g.  
 CC neuropsychiatric disorder such as schizoaffective, bipolar, unipolar  
 CC affective or adolescent conduct disorder or schizophrenia. Similarly, the  
 CC compound that inhibits DISC1 protein activity may be used in the method  
 CC for treating such neuropsychiatric disorders. The sequences shown in  
 CC ABQ93575-ABQ93568 represent the PCR primers used in the invention to  
 CC amplify the sequences of DISC2 and DISC1  
 XX  
 SQ Sequence 22 BP; 5 A; 4 C; 8 G; 5 T; 0 U; 0 Other;  
 XX  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 1117 GTGAGTGCACAGTGCCACAG 1137  
 Db 1 GTGAGTGCCTCAGTACGACAG 21  
 RESULT 3432  
 ABQ73102  
 ID ABQ73102 standard; DNA; 22 BP.  
 XX  
 AC ABQ73102;  
 XX  
 DT 25-SEP-2002 (first entry)  
 XX  
 DE Zcytor19 related PCR primer ZC38481 SEQ ID NO:47.  
 XX  
 KW Human; zcytor19; cytokine receptor; immunosuppressive; cytostatic;  
 KW antineutrotic; antiarthritic; neuroprotective; anti-inflammatory;  
 KW antidiabetic; nephrotropic; dermatological; anti-HIV; haemostatic;  
 KW vaccine; immune system; T-cell specific leukaemia; lymphoma; lupus;  
 KW autoimmune disease; rheumatoid arthritis; multiple sclerosis; HIV;  
 KW diabetes mellitus; inflammatory bowel disease; Crohn's disease; asthma;  
 KW immunologic renal disease; glomerulonephritis; vasculitis; polyarteritis;  
 KW mesangiol proliferative disease; chronic lymphocytic leukaemia; bronchitis;  
 KW secondarily glomerulonephritis; scleroderma; amyloidosis; multiple myeloma;  
 KW hemolytic uraemic syndrome; renal neoplasm; urological neoplasm;  
 KW emphysema; chronic airway disease; chromosome 1; chromosome 1p36.11;  
 KW PCR primer; ss.

XX  
 OS Homo sapiens.  
 OS Synthetic.  
 XX  
 PN WO200244209-A2.  
 XX  
 PD 06-JUN-2002.  
 XX  
 PF 28-NOV-2001; 2001WO-US044808.  
 XX  
 PR 28-NOV-2000; 2000US-0253561P.  
 XX  
 PR 07-FEB-2001; 2001US-0267211P.  
 XX  
 PA (ZYMO ) ZYMOGENETICS INC.  
 XX  
 PI Presnell SR, Xu W, Novak JE, Whitmore TE, Grant FJ,  
 DR WPI; 2002-527700/56.  
 XX  
 PT Novel Zcytor19 polypeptides and polynucleotides useful for stimulating  
 PT immune responses in animals for producing antibodies, and for treating  
 PT autoimmune diseases, leukemia and asthma.  
 XX  
 PS Example 2; Page 199; 200pp; English.  
 CC The present invention describes an isolated human zcytor19 protein (I),  
 CC and truncated zcytor19 proteins. (I) has immunosuppressive, cytostatic,  
 CC antineutrotic, antiarthritic, neuroprotective, anti-inflammatory,  
 CC antidiabetic, nephrotropic, dermatological, anti-HIV and haemostatic  
 CC activities, and can be used in vaccines. (II) or an antibody binding (II)  
 CC can be used for suppressing the immune system for reducing rejection of  
 CC tissue or organ transplants and grafts and for treating T-cell specific  
 CC leukaemias or lymphomas and autoimmune diseases including rheumatoid  
 CC arthritis, multiple sclerosis, diabetes mellitus, inflammatory bowel  
 CC disease and Crohn's disease. The antibodies can also be used for treating  
 CC immunologic renal diseases, glomerulonephritis, mesangiol proliferative  
 CC disease, chronic lymphocytic leukaemia, secondary glomerulonephritis or  
 CC vasculitis associated with lupus, polyarteritis, scleroderma, HIV-related  
 CC diseases, amyloidosis and haemolytic uraemic syndrome. (I) and the  
 CC antibodies can also be used for renal or urological neoplasms and  
 CC multiple myelomas, aschma, bronchitis, emphysema and other chronic airway  
 CC diseases. Human zcytor19 is located to chromosome 1, more specifically to  
 CC chromosome 1p36.11. The present sequence represents a PCR primer which is  
 CC used in an example from the present invention  
 XX  
 SQ Sequence 22 BP; 4 A; 11 C; 2 G; 5 T; 0 U; 0 Other;  
 XX  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 3677 CCTCCAGCCAGAAAGCCAGCT 3697  
 Db 1 CCTCCTTCAGAAAGCCACCT 21  
 RESULT 3433  
 ABK88736  
 ID ABK88736 standard; DNA; 22 BP.  
 XX  
 AC ABK88736;  
 XX  
 DT 07-OCT-2002 (first entry)  
 XX  
 DE Human Pur alpha anti-sense strand, phosphorothioate oligonucleotide #10.  
 XX  
 KW Human; apoptotic cell death; proteinaceous transduction factor;  
 KW regulation of gene transcription; apoptosis; p53; CD95; TRA;  
 KW transcriptional regulator of apoptosis; Y-box family; YB-1; cancer;  
 KW tumour cell; embryonic cell; nervous system; intracellular pathogen;  
 KW DNA-damaging agent; retroviral infection; neurodegenerative disorder;  
 KW immune system dysfunction; anti-tumour; cytostatic; Pur alpha;  
 KW phosphorothioate; ss.

XX Homo sapiens.  
 OS  
 XX  
 XX Key Location/Qualifiers  
 FT modified\_base 1..22  
 FT /\*tag= a  
 FT /mod\_base= OTHER  
 FT /note= "Phosphorothioate internucleotide linkages"  
 XX  
 XX  
 XX WO200244363-A1.  
 XX  
 XX 06-JUN-2002.  
 XX  
 XX 28-NOV-2001; 2001WO-NZ000287.  
 XX  
 XX 28-NOV-2000; 2000US-00724809.  
 XX  
 XX (GENE-) GENESIS RES & DEV CORP LTD.  
 XX  
 XX Lasham A, Watson JD;  
 XX  
 XX WPI; 2002-557540/59.  
 XX  
 XX  
 XX Modulating p53-mediated apoptotic cell death in a population of cells, by  
 PT modulating the amount of a transcriptional regulator of apoptosis  
 PT available to bind to a target polynucleotide in the cells.  
 XX  
 XX Example 2; Page 58; 62pp; English.  
 XX  
 XX The present invention relates to methods for modulating apoptotic cell  
 CC death using proteinaceous transcription factors that regulate the  
 CC transcription of genes encoding proteins involved in apoptosis (e.g. CD95  
 CC and p53). The methods involve modulating the amount of a transcriptional  
 CC regulator of apoptosis (TRA) available to bind to a target polynucleotide  
 CC in the cells, where TRA is a member of the Y-box nucleic acid binding  
 CC family of polypeptides (e.g. YB-1). The methods of the invention are  
 CC useful for modulating apoptotic cell death in a population of cells,  
 CC where the cells are selected from tumour cells, cells of the immune  
 CC system, embryonic cells, cells of the nervous system, or cells infected  
 CC with intracellular pathogens. The methods are also useful for increasing  
 CC the sensitivity of tumour cells to a DNA-damaging agent, and for  
 CC increasing sensitivity to apoptosis in a population of cells harbouring an  
 CC intracellular pathogen. The methods are useful for screening an  
 CC apoptosis modulatory agent that modulates the binding of TRA. The methods  
 CC for regulating apoptosis can be used therapeutically and prophylactically  
 CC for various disorders such as cancer, viral and retroviral infections,  
 CC neurodegenerative disorders, and immune system dysfunction. The present  
 CC sequence represents a phosphorothioate oligonucleotide to the anti-sense  
 CC strand of human Pur alpha  
 XX  
 XX Sequence 22 BP; 3 A; 7 C; 9 G; 3 T; 0 U; 0 Other;  
 SQ  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 2701 GGGGAGCGCATGGCGCGAC 2721  
 DB 2 GGGGAGCGCATGGCTGGCC 22  
 RESULT 3434  
 ABZ30701  
 ID ABZ30701 standard; DNA; 22 BP.  
 XX  
 XX AC ABZ30701;  
 XX  
 XX  
 XX 30-JAN-2003 (first entry)  
 XX  
 XX Candida albicans GRACE strain PCR primer SEQ ID NO 4852.  
 DE  
 XX Fungus; yeast; tetracyclin; promoter; GRACE strain; biosynthesis;  
 KM signal transduction; DNA replication; cell division; growth;  
 KM

KM proliferation; Candida albicans; fungicide; antifungal; PCR; primer; ss.  
 XX  
 XX  
 XX Candida albicans.  
 OS  
 XX  
 XX WO200253728-A2.  
 XX  
 XX  
 XX 11-JUL-2002.  
 XX  
 XX 26-DEC-2001; 2001WO-US049486.  
 XX  
 XX 29-DEC-2000; 2000US-0259128P.  
 XX  
 XX 20-FEB-2001; 2001US-00792024.  
 XX  
 XX 22-AUG-2001; 2001US-0314050P.  
 XX  
 XX (ELIT-) ELITRA PHARM INC.  
 XX  
 XX Roemer T, Jiang B, Boone C, Bussey H, Ohlsen KU;  
 XX  
 XX WPI; 2002-566694/60.  
 XX  
 XX  
 XX Constructing strains for identifying gene products as effective targets  
 PT for therapeutic intervention, by inactivating in the strain one allele of  
 PT a gene and placing other allele of the gene under conditional expression.  
 XX  
 XX Claim 36; SEQ ID NO 4852; 167pp + Sequence Listing; English.  
 XX  
 XX The invention relates to constructing (M1) a strain of diploid fungal  
 CC cells in which both alleles of a gene are modified, comprising modifying  
 CC one allele by insertion or replacement by a cassette having an  
 CC expressible selectable marker and modifying other allele by  
 CC recombination, of a promoter replacement fragment with a heterologous  
 CC promoter, so that expression of the second allele is regulated by the  
 CC promoter. (M1) is useful for constructing a strain of diploid fungal  
 CC cells in which both alleles of a gene are modified. The diploid fungal  
 CC cells having both alleles modified are useful for identifying a gene that  
 CC is essential to the survival or growth of a fungus, a gene that  
 CC contributes to the virulence and/or pathogenicity of a fungus, a gene  
 CC that contributes to the resistance of a diploid fungus to an antifungal  
 CC agent, an antifungal agent that inhibits the growth of a mammalian  
 CC and for identifying a therapeutic agent for treatment of a mammalian  
 CC disease. (M1) is useful for identifying a compound which modulates the  
 CC activity of a gene product, preferably enzymatic activity, carbon  
 CC compound catabolism, biosynthetic, transporter, transcriptional,  
 CC translational, signal transduction, DNA replication and cell division  
 CC activity. The method is useful for identifying a compound having the  
 CC ability to inhibit growth or proliferation of C. albicans cells and for  
 CC treating infection by C. albicans. The present sequence is that of a PCR  
 CC primer used in the method of the invention. Note: The sequence data for  
 CC this patent is not represented in the printed specification but is based  
 CC on sequence information supplied to Derwent by the European Patent Office  
 XX  
 XX Sequence 22 BP; 8 A; 7 C; 3 G; 4 T; 0 U; 0 Other;  
 SQ  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 5949 CCCTCAAGCTTATCTAGAGA 5969  
 DB 2 CCCTCAAGCTCATGCAAGAA 22  
 RESULT 3435  
 AAD42570  
 ID AAD42570 standard; DNA; 22 BP.  
 XX  
 XX AC AAD42570;  
 XX  
 XX  
 XX 15-NOV-2002 (first entry)  
 XX  
 XX Murine TCR B gene amplifying 5' PCR primer, VB8.  
 DE  
 XX Human leukocyte antigen; HLA; T cell receptor; cytotoxic T lymphocyte;  
 KM



KM TCR; CTL; adoptive immunotherapy; tumour; gene therapy; cytostatic; PCR;  
 KM primer; murine; ss.  
 XX Mus musculus.  
 OS  
 XX US2002064521-A1.  
 PN  
 XX 30-MAY-2002.  
 PD  
 XX 22-FEB-2001; 2001US-00789697.  
 PF  
 XX 22-FEB-2000; 2000US-0183752P.  
 PR  
 XX (CITY ) CITY OF HOPE.  
 PA  
 XX Ellenhorn JDI, Diamond DJ;  
 PI  
 XX WPI; 2002-589174/63.  
 DR  
 XX Novel nucleic acid encoding A chain or B chain of hu p53-specific, human  
 PT leukocyte antigen restricted mu T cell receptor, useful for producing  
 PT CDB+ cytotoxic lymphocytes for adoptive tumor immunotherapy.  
 PS  
 XX Example 1; Page 12; 29pp; English.  
 CC The present invention relates to novel nucleic acids encoding A chain or  
 CC B chain of human p53-specific, human leukocyte antigen (HLA) restricted  
 CC murine T cell receptor (TCR). Human CD8+ cytotoxic T lymphocytes (CTLs)  
 CC transfected with sequences of the invention are useful in adoptive  
 CC immunotherapy for treating an individual having a tumour that over-  
 CC expresses p53. Sequences of the invention are useful in gene therapy. The  
 CC present sequence is a PCR primer which is used for amplifying murine TCR  
 CC B gene. This primer is used in the exemplification of the invention  
 CC  
 SQ Sequence 22 BP; 5 A; 7 C; 5 G; 5 T; 0 U; 0 Other;  
 QY  
 Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 Db 4196 CCCAAGATGGGCTCCAGCTC 4216  
 2 CTCATGATGGGCTCCAGCTC 22  
 RESULT 3436  
 ABS98056/c  
 ID ABS98056 standard; DNA; 22 BP.  
 XX  
 AC ABS98056;  
 XX  
 DT 23-DEC-2002 (first entry)  
 XX  
 DE Human multidrug resistance gene PCR primer #20.  
 XX  
 KM Human; ss; primer; cytochrome P450 A1; CYP4501A1; UGT2B4; MDR1; PCR;  
 KM cytochrome P450 A2; CYP4501A2; cytochrome P450 02B; CYP45002B1; LTP;  
 KM adrenergic receptor beta1; ADAR1; aryl hydrocarbon; AHR; MRP3; NR112;  
 KM aryl hydrocarbon receptor nuclear translocator; ARNT; cathepsin S; CTS;  
 KM cyclooxgenase 2; COX2; diazepam binding inhibitor; DBI; haematological;  
 KM epoxide hydrolase 2; EPHX2; 5-lipoxygenase activating protein; FLAP;  
 KM glutathione-S-transferase 12; GST12; histamine-N-methyl transferase;  
 KM HNMT; kallikrein 2; KLK2; nicotinamide-N-methyl transferase; NMNT;  
 KM NADPH quinone oxidoreductase 2; NQO2; sulfoltransferase thermolabile; STM;  
 KM UDP-glucuronosyl transferase 2B4; UDP-glucuronosyl transferase 2B7;  
 KM UGT2B7; UDP-glucuronosyl transferase; UGT2B15; urokinase receptor; uPA;  
 KM multidrug resistance 1; lactoferrin; orphan nuclear receptor;  
 KM multidrug resistance associated protein 3; cancer prostate;  
 KM acetylcholine muscarinic receptor; CHMR1; CHMR2; CHMR3; CHMR4; CHMR5;  
 KM altered drug metabolism; cardiovascular function; colorectal tumour;  
 KM central nervous system; pulmonary; immunological.  
 XX  
 OS Homo sapiens.

XX  
 KM WO200257410-A2.  
 PN  
 XX 25-JUL-2002.  
 PD  
 XX 28-NOV-2001; 2001WO-US044838.  
 PF  
 XX 28-NOV-2000; 2000US-00724389.  
 PR  
 XX (DNAS-) DNA SCI LAB INC.  
 PA  
 XX Guida M, Hall J;  
 PI  
 XX WPI; 2002-698522/75.  
 DR  
 XX Isolated nucleic acid molecules having polymorphisms in known human genes  
 PT e.g. cytochrome p450 and cathepsin S useful as genetic linkage markers  
 PT for locating, identifying and characterizing the genes responsible for  
 PT disorder-related traits.  
 PS  
 XX Example 22; Page 141; 714pp; English.  
 CC This invention relates to the sequence of an isolated nucleic acid  
 CC molecule comprising at least one base variation from that of a known  
 CC human cytochrome P450 A1 (CYP4501A1), cytochrome P450 A2 (CYP4501A2),  
 CC cytochrome P450 02B1 (CYP45002B1), adrenergic receptor beta1 (ADAR1),  
 CC aryl hydrocarbon (AHR), aryl hydrocarbon receptor nuclear translocator  
 CC (ARNT), cathepsin S (CTS), cyclooxgenase 2 (COX2), diazepam binding  
 CC inhibitor (DBI), epoxide hydrolase 2 (EPHX2), 5-lipoxygenase activating  
 CC protein (FLAP), glutathione-S-transferase 12 (GST12), histamine-N-methyl  
 CC transferase (HNMT), (kallikrein 2) KLK2, nicotinamide-N-methyl  
 CC transferase (NMNT), NADPH quinone oxidoreductase 2 (NQO2),  
 CC sulfoltransferase thermolabile (STM), UDP-glucuronosyl transferase 2B4  
 CC transferase (UGT2B15), urokinase receptor (uPA), multidrug resistance 1  
 CC (MDR1), lactoferrin (LTP), multidrug resistance associated protein 3  
 CC (MRP3), orphan nuclear receptor (NR112), or acetylcholine muscarinic  
 CC receptor 1, 2, 3, 4, or 5 (CHMR1, CHMR2, CHMR3, CHMR4 or CHMR5) sequence.  
 CC The polymorphisms in the human genes cited in the invention are useful as  
 CC genetic linkage markers for locating and characterizing the genes that  
 CC are responsible for specific traits within the genome and eventually  
 CC identifying the genes responsible for a variety of disorder-related  
 CC traits as a result of their e.g., overexpression, constitutive  
 CC expression, mutation or underexpression, which may be used in diagnosing  
 CC and/or treating the disorder. The nucleic acid molecules comprising the  
 CC polymorphic sequences contained in CYP4501A1, CYP4501A2, CYP4502B1,  
 CC ARNT, EPHX2, GST12, NMNT, NQO2, NR112, STM, UGT2B4, UGT2B15, AHR,  
 CC MDR1 and/or MDR3 are useful for screening individuals for altered drug  
 CC metabolism. The polymorphic sequences contained in CYP4501A1, CYP4501A2,  
 CC AHR, MDR1 and/or MDR3 may also be used to screen individuals for  
 CC susceptibility to cancer. Polymorphic sequences in ADAR1 or CHMR2 are  
 CC used to screen for altered cardiovascular function, in COX2 for altered  
 CC susceptibility to colorectal tumours, in DBI or CHMR1 for altered central  
 CC nervous system function, in FLAP and HNMT for altered pulmonary,  
 CC immunological or haematological function, in KLK2 for altered serine  
 CC protease activity in the prostate, in LTP for altered immunological or  
 CC haematological function, in CHMR3, CHMR4 or CHMR5 for altered central and  
 CC peripheral nervous system function. The present sequence represents a PCR  
 CC primer used to amplify the sequences of the invention  
 CC  
 SQ Sequence 22 BP; 12 A; 1 C; 4 G; 5 T; 0 U; 0 Other;  
 QY  
 Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 Db 6446 CAGCAGCTTTTTCGATCTT 6466  
 21 CAGCATTTCCTTCATCTT 1  
 RESULT 3437  
 ABX97545

ID ABX97545 standard; DNA; 22 BP.  
XX AC ABX97545;  
XX  
DT 20-MAY-2003 (first entry)  
XX  
DE Human NOV-associated reverse primer from primer-probe set Ag3499.  
XX  
KW NOV; cytostatic; cardiant; antiarteriosclerotic; antiasthmatic; cancer;  
KW hypotensive; cardiomyopathy; bronchial asthma; gene therapy; vaccine;  
KW human; PCR; primer; ss.  
XX  
OS Homo sapiens.  
XX  
PN W0200272757-A2.  
XX  
PD 19-SEP-2002.  
XX  
PF 08-MAR-2002; 2002W0-US006908.  
XX  
PR 08-MAR-2001; 2001US-0274101P.  
PR 08-MAR-2001; 2001US-0274194P.  
PR 08-MAR-2001; 2001US-0274281P.  
PR 08-MAR-2001; 2001US-0274322P.  
PR 09-MAR-2001; 2001US-0274849P.  
PR 12-MAR-2001; 2001US-0275235P.  
PR 13-MAR-2001; 2001US-0275578P.  
PR 13-MAR-2001; 2001US-0275579P.  
PR 13-MAR-2001; 2001US-0275601P.  
PR 14-MAR-2001; 2001US-0276000P.  
PR 16-MAR-2001; 2001US-027676P.  
PR 19-MAR-2001; 2001US-0276994P.  
PR 20-MAR-2001; 2001US-0277239P.  
PR 20-MAR-2001; 2001US-0277321P.  
PR 20-MAR-2001; 2001US-0277327P.  
PR 21-MAR-2001; 2001US-0277791P.  
PR 22-MAR-2001; 2001US-0277833P.  
PR 23-MAR-2001; 2001US-0278152P.  
PR 25-MAR-2001; 2001US-0278884P.  
PR 27-MAR-2001; 2001US-0278999P.  
PR 27-MAR-2001; 2001US-0279036P.  
PR 28-MAR-2001; 2001US-0279344P.  
PR 30-MAR-2001; 2001US-0277338P.  
PR 30-MAR-2001; 2001US-0279995P.  
PR 30-MAR-2001; 2001US-0280233P.  
PR 02-APR-2001; 2001US-0280802P.  
PR 02-APR-2001; 2001US-0280822P.  
PR 04-APR-2001; 2001US-0280900P.  
PR 13-APR-2001; 2001US-0281194P.  
PR 13-APR-2001; 2001US-0283675P.  
PR 30-APR-2001; 2001US-0287424P.  
PR 02-MAY-2001; 2001US-0288066P.  
PR 03-MAY-2001; 2001US-0288342P.  
PR 03-MAY-2001; 2001US-0288528P.  
PR 15-MAY-2001; 2001US-0291190P.  
PR 16-MAY-2001; 2001US-0291099P.  
PR 16-MAY-2001; 2001US-0291240P.  
PR 30-MAY-2001; 2001US-0294485P.  
PR 31-MAY-2001; 2001US-0294889P.  
PR 18-JUN-2001; 2001US-0294899P.  
PR 18-JUN-2001; 2001US-0299027P.  
PR 19-JUN-2001; 2001US-0299303P.  
PR 19-JUN-2001; 2001US-0299310P.  
PR 10-JUL-2001; 2001US-0304354P.  
PR 31-JUL-2001; 2001US-0309198P.  
PR 16-AUG-2001; 2001US-0312903P.  
PR 10-SEP-2001; 2001US-0318462P.  
PR 12-SEP-2001; 2001US-0318770P.  
PR 27-SEP-2001; 2001US-0325430P.  
PR 27-SEP-2001; 2001US-035681P.  
PR 18-OCT-2001; 2001US-0350380P.  
PR 31-OCT-2001; 2001US-035301P.  
PR 14-NOV-2001; 2001US-0332172P.  
XX

PR 14-NOV-2001; 2001US-0332271P.  
PR 14-NOV-2001; 2001US-0332272P.  
PR 14-NOV-2001; 2001US-0333184P.  
PR 14-NOV-2001; 2001US-0333272P.  
PR 21-NOV-2001; 2001US-0332094P.  
PR 03-DEC-2001; 2001US-0337426P.  
PR 03-DEC-2001; 2001US-0338092P.  
PR 04-DEC-2001; 2001US-0337185P.  
PR 03-JAN-2002; 2002US-0345705P.  
PR 07-MAR-2002; 2002US-00092900.  
XX  
XX (CURA-) CURAGEN CORP.  
XX  
XX  
XX Padigaru M, Spytek KA, Shenoy SG, Taupier RJ, Pena CE, Li L;  
XX Zernusen BD, Gusev V, Ji W, Gorman L, Miller CE, Kekuda R;  
XX Paturajan M, Gangoli E, Vermet CM, Guo X, Tchernev V;  
XX Fernandes ER, Caeman SJ, Malyanar UM, Gerlach V, Liu Y, Anderson D;  
XX Spaderma SK, Catterton E, Burgess C, Leite M, Zhong H, Alsobrook JP;  
XX Lepley DM, Rieger DK;  
XX  
XX MPI; 2002-723332/78.  
XX  
XX  
XX NOVX polypeptides and polynucleotides, useful for preventing or treating  
XX a disorder associated with aberrant NOVX expression or activity e.g.,  
XX cancer, hypertension, atherosclerosis, cardiomyopathy or bronchial  
XX asthma.  
XX  
XX Example C; Page 1014; 1103pp; English.  
XX  
XX  
XX This invention describes novel human NOVX polypeptides which have  
XX cytostatic, cardiant, antiarteriosclerotic, antiasthmatic and hypotensive  
XX activity. Pharmaceutical compositions comprising the NOVX proteins or  
XX nucleic acid molecules or NOVX antibodies are useful for preventing or  
XX treating a disorder associated with aberrant NOVX expression or activity  
XX e.g. cancer, hypertension, atherosclerosis, cardiomyopathy or bronchial  
XX asthma. The products of the invention can be used for gene therapy or in  
XX a vaccine. ABX13460-ABX13462 and ABX97186-ABX97593 represent PCR primers  
XX and probes used in the amplification and isolation of the NOVX  
XX polynucleotides represented in ABX97008-ABX97185 which encode the  
XX polypeptides represented in ABU65041-ABU65218  
XX  
XX Sequence 22 BP; 10 A; 2 C; 8 G; 2 T; 0 U; 0 Other;  
XX  
XX  
XX  
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;  
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
XX  
XX QY 6344 AACATTAAGCCGAGAGGCTA 6364  
XX |||||  
XX Db 2 AAGCTAAAGCCGAGAGGCTA 22  
XX  
XX  
XX RESULT 3438  
XX ABK67743/c  
XX ID ABK67743 standard; DNA; 22 BP.  
XX  
XX AC ABK67743;  
XX  
XX  
XX 02-JUL-2002 (first entry)  
XX  
XX Mouse transglutaminase associated PCR primer #3.  
XX  
XX Transglutaminase; TGM; transamidation; autoimmune disease;  
XX Addison's disease; AI haemolytic anaemia; AI thrombocytopenic purpura;  
XX AI thyroid disease; atrophic gastritis; pernicious anaemia;  
XX Chron's disease; colitis ulcerosa; Goodpasture syndrome; IGA nephropathy;  
XX IGG glomerulonephritis; myasthenia gravis; partial lipodystrophy;  
XX polymyositis; primary biliary cirrhosis; primary sclerosing cholangitis;  
XX progressive systemic sclerosis; recurrent pericarditis;  
XX Sjogren's syndrome; relapsing polycondritis; arthritis; rheumatism;  
XX sarcoidosis; SLE; splenic atrophy; diabetes; Wegener granulomatosis;  
XX ulcerative colitis; vasculitis; vitiligo; PCR; primer; ss.  
XX

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OS Mus sp.
XX WO200222830-A2.
XX
XX 21-MAR-2002.
XX
XX 14-SEP-2001; 2001WO-GB004120.
XX
XX 15-SEP-2000; 2000GB-00022768.
XX
XX 16-MAY-2001; 2001GB-00011995.
XX
XX (UYCA-) UNIV COLLEGE CARDIFF.
XX
XX Aeschlimann DP, Grenard PM;
XX
XX WPI; 2002-329954/36.
XX
XX Nucleic acids which encode novel transglutaminase enzymes TG-Z and TG-Y
XX PT which can be used in diagnostic methods of autoimmune diseases.
XX
XX Disclosure; Page 27; 67pp; English.
XX
XX The invention relates to nucleic acids which encode novel polypeptides
XX CC having transglutaminase activity. The compositions of polypeptide are
XX CC useful for transamidation reactions on peptides and polypeptides.
XX CC Detection of the polypeptides with transglutaminase activity are useful
XX CC in a diagnostic method in a subject or in cells derived from a subject
XX CC having an autoimmune disease. The method for detecting transglutaminase
XX CC proteins may be used to diagnose autoimmune diseases which include
XX CC Addison's disease, Al haemolytic anaemia, Al thrombocytopenic purpura, Al
XX CC thyroid diseases, atrophic gastritis, pernicious anaemia, Chron's
XX CC disease, colitis ulcerosa, Goodpasture syndrome, Iga nephropathy or Iga
XX CC glomerulonephritis, myasthenia gravis, partial lipodystrophy,
XX CC polymyositis, primary biliary cirrhosis, primary sclerosing cholangitis,
XX CC progressive systemic sclerosis, recurrent pericarditis, relapsing
XX CC polychondritis, rheumatoid arthritis, rheumatism, sarcoidosis, Sjogren's
XX CC syndrome, SLE, splenic atrophy, type I (insulin-dependent) diabetes
XX CC mellitus, Wegener granulomatosis, ulcerative colitis, vasculitis (both
XX CC systemic and cutaneous) and vitiligo. This sequence represents a primer
XX CC used in the study of transglutaminase genes in which DNA, amino acid
XX CC sequences and chromosomal locations of novel transglutaminases are
XX CC determined
XX
XX Sequence 22 BP; 7 A; 1 C; 11 G; 3 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3853 CCTTTTCTCCTTATTCTCTCT 3873
DB 22 CCAATTCCTCTACTCTCTCT 2

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XX
XX 28-NOV-2000; 2000US-0253451P.
XX
XX 28-NOV-2001; 2001US-00253451.
XX
XX (PROM-) PROMEGA CORP.
XX
XX Miller KM;
XX
XX WPI; 2002-537462/57.
XX
XX Generating nucleic acid from RNA template, by adding RNA polymer to
XX PT inhibit RNase enzymes, to remove RNA-binding enzymes and proteins from
XX PT solution and thus enhancing certain enzymatic reactions.
XX
XX Example 7; Page 45; 61pp; English.
XX
XX The present invention provides a method of generating a nucleic acid from
XX CC an RNA template. This involves providing an RNA polymer selected from RNA
XX CC heteropolymers or double-stranded RNA polymers, and adding the RNA
XX CC polymer to a reaction mixture containing a reverse transcriptase and an
XX CC RNA template under conditions such that polymerisation occurs to generate
XX CC a nucleic acid molecule complementary to a portion of the RNA template.
XX CC The present sequence is a bcr/abl forward primer, which was used with the
XX CC reverse primer given in ABN84198 in a 1-step RT-PCR in an example from
XX CC the invention in which the utility of polyG or polyT attached to resins
XX CC in enhancing single-cell RT-PCR reactions performed on whole eukaryotic
XX CC cell lysates was evaluated. RT-PCR was conducted without prior RNA
XX CC isolation, using human erythroleukaemia K562 cells. Results were compared
XX CC with those obtained using RNASIN ribonuclease inhibitor. Use of polyG
XX CC resin allowed detection of the bcr/abl signal down to 1-10 cells, but the
XX CC signal was weaker than with RNASIN. Use of polyT allowed detection to a
XX CC level comparable to RNASIN (1 cell), and provided an increased
XX CC sensitivity when not removed prior to PCR reaction. RNA polymers can
XX CC replace RNASIN in single-tube, whole cell RT-PCR
XX
XX Sequence 22 BP; 6 A; 6 C; 7 G; 3 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2539 GAGCTCGAGTCCGAGCTAC 2559
DB 2 GAGCTCGAGTCCGAGCTAC 22

```

```

RESULT 3439
ID ABN84197
XX ABN84197 standard; DNA; 22 BP.
XX
XX ABN84197;
XX
XX 23-SEP-2002 (first entry)
XX
XX Bcr/abl forward PCR primer.
XX
XX Reverse transcription; PCR; bcr/abl; human; primer; ss.
XX
XX Homo sapiens.
XX
XX WO200244421-A2.
XX
XX 06-JUN-2002.
XX
XX 28-NOV-2001; 2001WO-US044753.

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RESULT 3440
ID ABQ94306
XX ABQ94306 standard; DNA; 22 BP.
XX
XX ABQ94306;
XX
XX 01-NOV-2002 (first entry)
XX
XX Human BNO1 isoform 2 forward PCR primer, SEQ ID NO:40.
XX
XX Human; BNO1; F-box; FBXO; chromosome 16q24.3; SCR ubiquitin-E3 ligase;
XX KW protein ubiquitination; proteasome targeting; breast; prostate; liver;
XX KW ovarian; immune disease; inflammatory disease; AIDS;
XX KW acquired immunodeficiency syndrome; asthma; Crohn's disease;
XX KW multiple sclerosis; neurological disorder; Parkinson's disease;
XX KW Alzheimer's disease; cytostatic; immunomodulator; neuroprotective;
XX KW gene therapy; diagnosis; prognosis; expression analysis; isoform 2;
XX KW splice variant; real-time quantitative PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX Key Location/Qualifiers
XX FH 1
XX FT modified_base
XX FT /*tag= a
XX FT /mod_base= OTHER
XX FT /note= "labelled with HEX"
XX

```

PN MO200261081-A1.  
 XX 08-AUG-2002.  
 PD  
 XX 31-JAN-2002; 2002WO-AU000096.  
 PF  
 XX 31-JAN-2001; 2001AU-00002783.  
 PR  
 XX (BION-) BIONOMICS LTD.  
 PA  
 PI Callen DF, Powell JA, Kremmidiotis G, Gardner AE, Crawford J;  
 PI Bais AJ, Kochetkova M;  
 XX  
 XX WPI; 2002-619250/66.  
 DR  
 XX  
 PT New gene (BN01) mapping to chromosome 16q24.3, useful in gene therapy,  
 PT e.g. for diagnosing or treating cancers (e.g. lymphoma);  
 PT immune/inflammatory diseases (e.g. AIDS) or neurological disorders (e.g.  
 PT Parkinson's disease).  
 XX  
 XX Example 7; Page 61; 85pp; English.  
 XX  
 XX The invention relates to the human and murine BN01 proteins and nucleic  
 CC acids encoding them. The BN01 protein is a member of the F-box class of F-  
 CC box proteins, containing an F-box motif but no other known protein-  
 CC interaction domains. Proteins which contain F-boxes are the substrate  
 CC recognition components of SCF ubiquitin-E3 ligases, which are responsible  
 CC for ubiquitinating proteins, thereby targeting them for degradation in  
 CC the proteasome. In addition, BN01 is able to interact with Skp1, an  
 CC essential component of SCF ubiquitin-E3 ligases, suggesting that it plays  
 CC a role in the ubiquitin-proteasome degradation system that is involved in  
 CC the regulation of many proteins, particularly those involved in important  
 CC cellular processes such as cell cycle regulation. The human BN01 gene  
 CC maps to chromosome 16q24.3, and is expressed as two different isoforms.  
 CC Isoform 1 consists of 539 amino acids and is encoded by an open reading  
 CC frame (ORF) of 1617 bp, while the longer isoform 2 consists of 568 amino  
 CC acids encoded by an ORF of 1704 bp. The mRNAs encoding the 2 human BN01  
 CC isoforms are the product of differential splicing: both comprise exons 1-  
 CC 9, but the isoform 2 mRNA additionally comprises exon 2.5. Loss of  
 CC heterozygosity (LOH) of the long arm of chromosome 16, in which the human  
 CC BN01 gene is situated, is implicated in breast and prostate cancer, and  
 CC BN01 expression is also downregulated in these cancers. BN01 nucleic  
 CC acids, proteins and compounds which modulate BN01 activity or expression  
 CC may be used for treating disorders associated with altered BN01 activity  
 CC or expression. Such disorders include cancers (e.g., breast, prostate,  
 CC liver and ovarian cancers), immune/inflammatory diseases (e.g., AIDS  
 CC (acquired immunodeficiency syndrome), asthma, Crohn's disease or multiple  
 CC sclerosis) or neurological disorders (e.g., Parkinson's disease or  
 CC Alzheimer's disease). BN01 nucleic acids, proteins and antibodies may  
 CC also be used to diagnose or prognose disorders associated with BN01  
 CC dysfunction, or a predisposition to these disorders. Additionally, BN01  
 CC nucleic acids and proteins, and transgenic animals comprising human BN01  
 CC nucleic acid sequences or in which BN01 gene function has been knocked  
 CC out are useful in screening potential drugs for treating BN01-associated  
 CC disorders, and the human BN01 protein isoforms are particularly useful  
 CC for identifying BN01-specific protein substrates that are targeted for  
 CC degradation by ubiquitination. Sequences AB0934306-AB0934307 represent PCR  
 CC primers specific for isoform 2 of human BN01 used in real-time PCR  
 CC analysis of BN01 expression in breast cancer cell lines in an  
 CC exemplification of the invention  
 XX  
 SO Sequence 22 BP; 4 A; 2 C; 9 G; 7 T; 0 U; 0 Other;  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 5995 GTGAGTCGAGGAGGTTCTG 6015  
 DB 1 GTGAGTCGAGGAGGTTCTG 21  
 RESULT 3441

ABT08409/C  
 ID ABT08409 standard; DNA; 22 BP.  
 XX  
 AC ABT08409;  
 XX  
 DT 27-NOV-2002 (first entry)  
 XX  
 DE Human MnSOD promoter PCR primer SEQ ID NO: 44.  
 XX  
 KM Human; cyclin-dependent kinase; CDK; cyclin-dependent kinase inhibitor;  
 KM inhibitor; cancer; age-related disease; promoter; atherosclerosis;  
 KM cytosolic; antiarteriosclerotic; noctropic; neuroprotective;  
 KM nephrotropic; antiarthritic; arthritis; renal disease;  
 KM Alzheimer's disease; amyloidosis; PCR; primer; ss.  
 XX  
 OS Homo sapiens.  
 OS  
 PN WO200266681-A2.  
 XX  
 PD 29-AUG-2002.  
 XX  
 PF 01-FEB-2002; 2002WO-US002784.  
 XX  
 XX 01-FEB-2001; 2001US-0265840P.  
 PR 21-MAY-2001; 2001US-00861925.  
 XX  
 PA (UNIT ) UNIT ILLINOIS FOUND.  
 PI  
 PI Poole J, Roninson IB, Chang B;  
 DR WPI; 2002-674960/72.  
 XX  
 PT New recombinant expression construct, useful for identifying compounds  
 PT that inhibit the induction of genes induced by cyclin-dependent kinase  
 PT inhibitors for preventing or treating cancer, renal failure or  
 PT Alzheimer's disease.  
 XX  
 XX Example 8; Page 128; 137pp; English.  
 PS  
 CC The present invention relates to a recombinant expression construct  
 CC encoding a reporter gene operably linked to a promoter from a mammalian  
 CC gene induced by a cyclin-dependent kinase (CDK) inhibitor. The construct  
 CC is useful for identifying compounds that inhibit the induction of genes  
 CC induced by CDK inhibitors. The compounds are useful for preventing or  
 CC treating a disease caused by CDK inhibitor induced gene expression, e.g.  
 CC cancer other than colon cancer, renal failure, Alzheimer's disease,  
 CC amyloidosis, age-related diseases, atherosclerosis or arthritis. The  
 CC present sequence is a PCR primer used to amplify a human promoter  
 CC suitable for use in the construct of the invention  
 XX  
 SO Sequence 22 BP; 3 A; 5 C; 7 G; 7 T; 0 U; 0 Other;  
 Query Match 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 7415 GCAGCAGCAGCAGCAGCAGCA 7435  
 DB 22 GTAGCAGCAGCAGCAGCAGCA 2  
 RESULT 3442  
 ACC48924  
 ID ACC48924 standard; DNA; 22 BP.  
 XX  
 AC ACC48924;  
 XX  
 DT 11-AUG-2003 (first entry)  
 XX  
 DE Rat phosphodiesterase 10A primer 1358.  
 XX  
 KM Rat; phosphodiesterase 10A; PDE10A; enzyme; tranquilizer; neuroleptic;  
 KM noctropic; antiaddictive; primer; ss.

```

XX Ratcus sp.
OS
XX EPI281771-A2.
XX
XX 05-FEB-2003.
XX
XX 16-JUL-2002; 2002EP-00254973.
XX
XX 31-JUL-2001; 2001US-0308978P.
XX
XX (PFI2 ) PFIZER PROD INC.
XX
XX James LC, Lebel LA, Menniti FS, Strick CA;
XX WPI; 2003-335006/32.
XX
XX Screening for agents that inhibit intracellular phosphodiesterase 10A
XX activity for use in treating disorders of movement of mood and anxiety,
XX by using striatal medium spiny neurons to identify inhibitors at cellular
XX level.
XX
XX Example 4; Page 17; 27pp; English.
XX
XX The present sequence is that of primer 1358, which was used in the
XX cloning of rat phosphodiesterase 10A (PDE10A) cDNA (see ACC48919). In
XX addition to rat PDE10A polynucleotide and polypeptide sequences, the
XX invention provides a cell-based assay using striatal medium spiny neurons
XX to identify agents that inhibit PDE10A activity at the cellular level.
XX The inhibitors are useful e.g. for treating disorders of movement or
XX mood, anxiety, psychosis, drug addiction, and disorders of symptom
XX deficient cognition
XX
XX Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX 4915 GAAAGCATCAGACTGTTGAG 4935
XX | | | | | | | | | | | | | | | | | | | |
XX 1 GTAGGCATCAGAGATGTTGAG 21
XX
XX RESULT 3443
XX ACC48924/C
XX ID ACC48924 standard; DNA; 22 BP.
XX
XX ACC48924;
XX
XX 11-AUG-2003 (first entry)
XX
XX Rat phosphodiesterase 10A primer 1358.
XX
XX Rat; phosphodiesterase 10A; PDE10A; enzyme; tranquilizer; neuroleptic;
XX nootropic; antiaddictive; primer; ss.
XX
XX Ractus sp.
XX
XX EPI281771-A2.
XX
XX 05-FEB-2003.
XX
XX 16-JUL-2002; 2002EP-00254973.
XX
XX 31-JUL-2001; 2001US-0308978P.
XX
XX (PFI2 ) PFIZER PROD INC.
XX
XX James LC, Lebel LA, Menniti FS, Strick CA;
XX WPI; 2003-335006/32.
XX

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```

PT Screening for agents that inhibit intracellular phosphodiesterase 10A
PT activity for use in treating disorders of movement of mood and anxiety,
PT by using striatal medium spiny neurons to identify inhibitors at cellular
PT level.
XX
XX Example 4; Page 17; 27pp; English.
XX
XX The present sequence is that of primer 1358, which was used in the
XX cloning of rat phosphodiesterase 10A (PDE10A) cDNA (see ACC48919). In
XX addition to rat PDE10A polynucleotide and polypeptide sequences, the
XX invention provides a cell-based assay using striatal medium spiny neurons
XX to identify agents that inhibit PDE10A activity at the cellular level.
XX The inhibitors are useful e.g. for treating disorders of movement or
XX mood, anxiety, psychosis, drug addiction, and disorders of symptom
XX deficient cognition
XX
XX Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 0.2%; Score 14.6; DB 1; Length 22;
XX Best Local Similarity 81.0%; Pred. No. 2.4e+03;
XX Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX 2260 CTGGCATTCTGATGCTGCTGC 2280
XX | | | | | | | | | | | | | | | | | | | |
XX 21 CTGAACATTCCTGATGCTTAC 1
XX
XX RESULT 3444
XX ABZ79359/C
XX ID ABZ79359 standard; DNA; 22 BP.
XX
XX ABZ79359;
XX
XX 01-MAY-2003 (first entry)
XX
XX Acetyl-Coenzyme A-carboxylase-alpha gene PCR primer, SEQ ID 46.
XX
XX Human; enzyme; acetyl-Coenzyme A-carboxylase-alpha; ACC-alpha; cancer;
XX breast; ovary; PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX WO2002100896-A2.
XX
XX 19-DEC-2002.
XX
XX 12-JUN-2002; 2002WO-FR002015.
XX
XX 13-JUN-2001; 2001FR-00007740.
XX
XX 05-MAR-2002; 2002FR-00002788.
XX
XX (CNRS ) CNRS CENT NAT RECH SCI.
XX (UJLY-) UNIV LYON 1 BERNARD CLAUDE.
XX
XX Dalla Venezia NL, Magnard CM, Lenoir GM, Sinilnikova-Erard O;
XX WPI; 2003-175165/17.
XX
XX In vitro diagnosis of cancer, particularly breast and ovarian cancer, or
XX susceptibility, comprises detecting alterations in the acetyl coenzyme A-
XX carboxylase alpha gene or protein expression.
XX
XX Example 1; Page 10; 56pp; French.
XX
XX The present invention relates to human acetyl-Coenzyme A-carboxylase-
XX alpha (ACC-alpha; see ABZ79442), which can be used for in vitro diagnosis
XX of cancer (or of an increased risk of developing it), by detecting ACC-
XX alpha gene mutations or polymorphisms, or altered ACC-alpha protein
XX expression, relative to a control population. The method is particularly
XX used to diagnose cancer, especially of breast or ovary, or for assessing
XX the risk of developing such cancers. The present sequence is a PCR
XX primer, which was used in an example from the invention
XX

```

Seq Sequence 22 BP; 5 A; 2 C; 8 G; 7 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 5053 ATTGCTTACACAGTGCCTAA 5073  
Db 22 ATTGCTTACACAGTGCCTCA 2  
RESULT 3445  
ABX72360/c  
ID ABX72360 standard; DNA; 22 BP.  
AC ABX72360;  
XX  
DT 03-JUN-2003 (first entry)  
XX  
DE Human NOVX DNA PCR primer #57.  
XX  
XX Human; NOVX; PCR; ss; metabolic disorder; cardiomyopathy; diabetes; ASD;  
KM hypertension; congenital heart defect; aortic stenosis; valve disease;  
KM atrial septal defect; atrioventricular canal defect; ductus arteriosus;  
KM pulmonary stenosis; subaortic stenosis; ventricular septal defect; VSD;  
KM tubercous sclerosis; scleroderma; atherosclerosis; infectious disease;  
KM obesity; anorexia; neurodegenerative disorder; Alzheimer's disease;  
KM Parkinson's disease; immune disorder; haematopoietic disorder; primer;  
KM haemophilia; hypercoagulation; Crohn's disease; cancer.  
XX  
OS Homo sapiens.  
XX  
PN W0200281498-A2.  
XX  
PD 17-OCT-2002.  
XX  
PF 03-APR-2002; 2002WO-US010780.  
XX  
PR 03-APR-2001; 2001US-0281086P.  
PR 03-APR-2001; 2001US-0281136P.  
PR 05-APR-2001; 2001US-0281863P.  
PR 06-APR-2001; 2001US-0281906P.  
PR 10-APR-2001; 2001US-0282930P.  
PR 10-APR-2001; 2001US-0282934P.  
PR 12-APR-2001; 2001US-0283512P.  
PR 13-APR-2001; 2001US-0283710P.  
PR 17-APR-2001; 2001US-0284234P.  
PR 19-APR-2001; 2001US-0285325P.  
PR 20-APR-2001; 2001US-0285381P.  
PR 20-APR-2001; 2001US-0285609P.  
PR 23-APR-2001; 2001US-0285748P.  
PR 23-APR-2001; 2001US-0285890P.  
PR 24-APR-2001; 2001US-0286068P.  
PR 25-APR-2001; 2001US-0286292P.  
PR 27-APR-2001; 2001US-0287213P.  
PR 02-MAY-2001; 2001US-0288257P.  
PR 29-MAY-2001; 2001US-0294164P.  
PR 30-MAY-2001; 2001US-0294484P.  
PR 18-JUN-2001; 2001US-0298952P.  
PR 19-JUN-2001; 2001US-0299237P.  
PR 19-JUN-2001; 2001US-0299276P.  
PR 12-SEP-2001; 2001US-0318750P.  
PR 23-SEP-2001; 2001US-0324800P.  
PR 25-SEP-2001; 2001US-0324802P.  
PR 27-SEP-2001; 2001US-0325684P.  
PR 17-OCT-2001; 2001US-0330143P.  
PR 14-NOV-2001; 2001US-0332131P.  
PR 14-NOV-2001; 2001US-0332240P.  
PR 14-NOV-2001; 2001US-0332779P.  
PR 21-NOV-2001; 2001US-0332115P.  
PR 04-DEC-2001; 2001US-0337621P.  
PR 03-JAN-2002; 2002US-0345783P.

PR 16-JAN-2002; 2002US-0350251P.  
PR 02-APR-2002; 2002US-00114270.  
XX  
PA (CURA-) CURAGEN CORP.  
XX  
XX  
PI Guo X, Kekuda R, Miller CE, Malyanakar UM, Spytek KA;  
PI Patirurajan M, Liu X, Gusev VY, Li L, Vernet CAM, Zernhusen BD;  
PI Gorman L, Shenoy SG, Pena CE, Smithson G, Burgess CE, Gerlach V;  
PI Padidaru M, Shinkets RA, Gangolli EA, Taupier RJ, Caeman SJ, Ji W;  
PI Anderson DW, Leite MM, Rastelli L, Edinger SR, Stone DJ;  
PI Macdougall JR, Rothenberg ME, Mazur A, Millet I, Peyman JA;  
PI Blierman K;  
XX  
DR WPI; 2003-046858/04.  
XX  
PT New isolated NOVX polypeptide useful for treating atherosclerosis,  
PT metabolic disorders, diabetes, obesity, infectious disease, anorexia,  
PT neurodegenerative disorders, Alzheimer's disease and cancer.  
XX  
XX Example 83; Page 439; 666dp; English.  
PS  
XX The invention relates to human polypeptides, termed NOVX, and the  
CC polynucleotides encoding them. The polypeptides and polynucleotides are  
CC useful for diagnosing disease, and screening for potential therapeutic  
CC agents. The sequences are useful for treating metabolic disorders,  
CC cardiomyopathy, diabetes, hypertension, congenital heart defects, aortic  
CC stenosis, atrial septal defect (ASD), atrioventricular canal defect,  
CC ductus arteriosus, pulmonary stenosis, subaortic stenosis, ventricular  
CC septal defect (VSD), valve diseases, tubercous sclerosis, scleroderma,  
CC atherosclerosis, obesity, infectious disease, anorexia, neurodegenerative  
CC disorders, Alzheimer's disease, Parkinson's disease, immune disorders,  
CC haematopoietic disorders, haemophilia, hypercoagulation, Crohn's disease  
CC and cancer. This sequence represents a PCR primer used to amplify a human  
CC NOVX polynucleotide of the invention  
XX  
SQ Sequence 22 BP; 13 A; 3 C; 6 G; 0 T; 0 U; 0 Other;  
XX  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 5698 TTTTGCTTCTCTTTCCTCT 5718  
Db 22 TTGTCCTTCTTCTTCTTCTT 2  
RESULT 3446  
ABZ10317/c  
ID ABZ10317 standard; DNA; 22 BP.  
XX  
AC ABZ10317;  
XX  
XX 16-JAN-2003 (first entry)  
XX  
DT  
DE Haematopoietic cell proliferation disorder related primer SEQ ID NO:457.  
XX  
KM Human; haematopoietic cell proliferation disorder; cytostatic;  
KM gene therapy; lymphocytic leukaemia; acute myelogenous leukaemia;  
KM cytosine methylation state; probe; primer; ss.  
XX  
OS Homo sapiens.  
OS Synthetic.  
OS  
PN W0200277272-A2.  
XX  
PD 03-OCT-2002.  
XX  
PF 26-MAR-2002; 2002WO-EP003401.  
XX  
PR 26-MAR-2001; 2001US-0278333P.  
XX  
PA (EPIG-) EPIGENOMICS AG.  
XX

PI Berlin K, Braun A, Dietler J, Guetig D, Howe A, Mueller J;  
PI Olek A, Pienbrock C, Adorjan P, Grabs G, Iesche R, Lau E;  
PI Lewin A, Lipacher E, Maier S, Model F, Mueller V, Otto T, Pelet C;  
PI Schwope I, Ziebarth H;  
DR WPI; 2003-018942/01.  
XX  
XX  
PT Detecting and differentiating between hematopoietic cell proliferative  
PT disorders, comprises contacting a target nucleic acid with a reagent that  
PT distinguishes between methylated and non-methylated CpG dinucleotides.  
XX  
XX  
PS Claim 11; Page 35; 117pp; English.  
XX  
CC The present invention describes a method for detecting and  
CC differentiating between haematopoietic cell proliferative disorders  
CC associated with at least 1 gene and/or their regulatory regions in a  
CC subject. The method comprises contacting a target nucleic acid in a  
CC biological sample obtained from the subject with at least 1 reagent,  
CC which distinguishes between methylated and non-methylated CpG  
CC dinucleotides within the target nucleic acid. AB209861 to AB211118  
CC represent specifically claimed nucleotide sequences from the present  
CC invention. Oligonucleotides from the present invention can be used: for  
CC differentiating between healthy haematopoietic cells and proliferative  
CC disorder haematopoietic cells; for differentiating between acute  
CC lymphocytic leukaemia and acute myelogenous leukaemia; as probes for  
CC determining the cytosine methylation state and/or single nucleotide  
CC polymorphisms (SNPs) of haematopoietic cell proliferation disorder  
CC related sequences and their complements; and as primers for the  
CC amplification of haematopoietic cell proliferation disorder related DNA  
CC sequences. The nucleotide sequences from the present invention can also  
CC be used for detecting a predisposition to, differentiation between  
CC subclasses, diagnosis, prognosis, treatment and/or monitoring of  
CC haematopoietic cell proliferative disorders. The present method enables a  
CC highly specific classification of haematopoietic cell proliferative  
CC disorders allowing for improved and informed treatment of patients  
XX  
SQ Sequence 22 BP; 11 A; 0 C; 8 G; 3 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
OY 5741 CCCTTCTCTATCTACTCT 5761  
DB 21 CCATTCTTTACTCCTCT 1  
RESULT 3447  
ACC42611/c  
ID ACC42611 standard; DNA; 22 BP.  
XX  
AC ACC42611;  
XX  
DT 26-AUG-2003 (first entry)  
XX  
DE Human stem cell factor, SCF, PCR primer hSCF3P1.  
XX  
KW Human; PCR; primer; transgenic mouse; lymphocyte maturation; IL-3; IL-7;  
KW cytokine; interleukin-3; interleukin-6; interleukin-7; M-CSF; SCF;  
KW macrophage-colony stimulating factor; stem cell factor; oncostatin M; OM;  
KW granulocyte-colony stimulating factor; GM-CSF; LIF;  
KW leukaemia inhibitory factor; ss.  
XX  
OS Homo sapiens.  
XX  
PN WO2003018744-A2.  
XX  
PD 06-MAR-2003.  
XX  
PF 05-AUG-2002; 2002WO-US024807.  
XX  
PR 23-AUG-2001; 2001US-00938689.  
XX

PA (GENV ) GENENCOR INT INC.  
XX  
XX Harding FA, Huang M;  
PI  
DR WPI; 2003-278650/27.  
XX  
XX  
PT New recipient mammal, preferably a mouse, useful as a model of human  
PT disease to assess efficacy of therapeutic or prophylactic treatments, or  
PT for facilitating production of donor-specific functional immunity.  
XX  
XX  
PS Example; Page 35; 70pp; English.  
XX  
CC The present invention relates to a new transgenic mouse, which comprises  
CC a disruption in both alleles of a gene such that lymphocyte maturation  
CC does not occur and exogenous cytokines. The cytokines are selected from:  
CC interleukin-3 (IL-3), interleukin-6 (IL-6), interleukin-7 (IL-7),  
CC macrophage-colony stimulating factor (M-CSF), granulocyte-colony  
CC stimulating factor (GM-CSF), stem cell factor (SCF), leukaemia inhibitory  
CC factor (LIF) and oncostatin M (OM). The gene disruption is in a gene that  
CC modulated VDJ recombination e.g. a RAG gene. The gene is disrupted by  
CC insertion of a transgene comprising major histocompatibility complex  
CC (MHC) Class II DR3 and DQ2 genes. The transgenic mouse is useful as a  
CC model of human disease to assess efficacy of therapeutic or prophylactic  
CC treatments, or to assess the antigenic potential of compounds. The  
CC transgenic mouse is also useful for supporting donor haematopoietic stem  
CC cells or facilitating production of donor-specific functional immunity.  
CC PCR primers ACC42571-ACC42639 were used to generate the transgenic mouse  
XX  
SQ Sequence 22 BP; 7 A; 6 C; 6 G; 3 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
OY 4803 CTGCCCTTGATGACCCGAT 4823  
DB 22 CTGCCCTTGATGACTTGCT 2  
RESULT 3448  
ACC71907  
ID ACC71907 standard; DNA; 22 BP.  
XX  
AC ACC71907;  
XX  
DT 04-AUG-2003 (first entry)  
XX  
DE B. anthracis pagA specific probe 1.  
XX  
KW Encapsulation protein B, capB, protective antigen; pagA; lethal factor;  
KW Ief; fluorescence resonance energy transfer; FRET; probe; ss.  
XX  
OS Bacillus anthracis.  
XX  
PN EPI304387-A1.  
XX  
PD 23-APR-2003.  
XX  
PF 10-OCT-2002; 2002EP-00022398.  
XX  
PR 15-OCT-2001; 2001US-0329826P.  
XX  
PR 05-FEB-2002; 2002US-00068238.  
XX  
PA (HOPF ) ROCHE DIAGNOSTICS GMEH.  
PA (MAYO-) MAYO FOUND MEDICAL EDUCATION & RES.  
XX  
PI Bell CA, Uhl JR, Cockerill FR;  
XX  
DR WPI; 2003-450920/43.  
XX  
PT Detecting Bacillus anthracis in a sample by amplifying B.anthraxis capB,  
PT pagA and Ief nucleic acids followed by hybridization with labelled capB,  
PT pagA and Ief probes, and detection by fluorescence resonance energy

Pt		transfer.
Xx		
P8		Disclosure; Page 3; 31pp; English.
Cc		The invention relates to detecting Bacillus anthracis in a biological or non-biological sample. The method involves (a) amplifying a portion of B. anthracis encapsulation protein B (capB) and/or protective antigen (pagA) and/or lethal factor (lef) nucleic acids using specific primers; (b) contacting the sample with a pair of capB and/or pagA and/or lef probes labelled with fluorescent moieties; and (c) detecting the presence or absence of fluorescence resonance energy transfer (FRET) between the probes. The method is useful for identifying B. anthracis DNA from specimens for diagnosis of B. anthracis infection and to identifying hoax cases of B. anthracis. The methods can also used for B. anthracis efficacy studies or epidemiology studies. The method is rapid, and allows real-time detection of B. anthracis in a biological sample or in a non-biological sample. The method is more sensitive and specific than existing assays. Sequences ACC71967-908 represent B. anthracis pagA specific probes
SQ		Sequence 22 BP; 9 A; 2 C; 7 G; 4 T; 0 U; 0 Other;
Query Match	0.2%;	Pred No. 14.6; DB 1; Length 22;
Bacter Local Similarity	81.0%;	Pred NC. 2.4e+03;
Matches 17; Conservative	0; Mismatches 4; Indels 0; Gaps 0;	
Oy		5546 GTGCATGCGAGTGGAGAAGTG 5566           Db 2 GTACATGGAAATGCCGAAGTG 22
RESULT 3449		
ABT33548/C		
ID	ABT33548 standard; DNA; 22 BP.	
XX	ABT33548;	
DT	22-MAY-2003 (first entry)	
DE	NOV forward PCR primer SEQ ID NO 464.	
KM	Hepatotropic; immunosuppressive; cardiant; hypertensive; tranquilizer; vulnerable; virucide; antibacterial; protozoicide; fungicide; nootropic; antiparasitic; neuroprotective; cerebroprotective; antiparkinsonian; anticomutagenic; antididactic; analgesic; dermatological; keratolytic; antioboronic; anti-thematic; antiarthritic; antiflammatory; anti-HIV; cytostatic; antisesthetic; antipsoriatic; hypotensive; osteopathic; antitumor; anorectic; antidiabetic; anti-allergic; haemostatic; neuroleptic; antidepressant; antifertility; NOVX; human disease; Kw MOVX-associated disorder; trauma; viral; bacterial; fungal; protozonal; parasitic infection; Alzheimer's disease; stroke; forensic biology; immunogen; non-human transgenic animal; gene therapy; PCR; primer; ss. O8 Unidentified. Pn WO200281517-A2. XX XX PD 17-OCT-2002. PF 22-JAN-2002; 2002WO-US002064. XX PR 19-JAN-2001; 2001US-0262892P. PR 23-JAN-2001; 2001US-0263598P. PR 24-JAN-2001; 2001US-0263797P. PR 25-JAN-2001; 2001US-0264117P. PR 25-JAN-2001; 2001US-0264139P. PR 26-JAN-2001; 2001US-0264478P. PR 30-JAN-2001; 2001US-0263511P. PR 02-MAR-2001; 2001US-0272870P. PR 14-MAR-2001; 2001US-0275927P. PR 14-MAR-2001; 2001US-0275990P. PR 15-MAR-2001; 2001US-0276499P. PR 20-MAR-2001; 2001US-0277358P.	

23-MAR-2001; 2001US-0278151P.  
29-MAR-2001; 2001US-0279857P.  
20-APR-2001; 2001US-0285140P.  
20-APR-2001; 2001US-0285141P.  
30-APR-2001; 2001US-0287484P.  
17-MAY-2001; 2001US-0291701P.  
08-JUN-2001; 2001US-0296960P.  
10-JUL-2001; 2001US-0304353P.  
10-JUL-2001; 2001US-0304355P.  
12-JUL-2001; 2001US-0304886P.  
09-AUG-2001; 2001US-0311289P.  
13-AUG-2001; 2001US-0311975P.  
16-AUG-2001; 2001US-0312937P.  
18-OCT-2001; 2001US-0330227P.  
29-NOV-2001; 2001US-0334158P.  
(CURA-) CURAGEN CORP.  
Decristoforo MF, Padigaru M, Miller C, Tchernev V, Zhong H;  
Zhong M, Anderson D, Ballinger R, Getlach V, Spytek KA, Rastelli L;  
Kekuda R, Guo X, Zernhusen B, Andrew D, Mezes P, Patutarajan M,  
Burgess CE, Eisen A, Wolenc A, Baumgartner J, Shinkets RA, Gusev V,  
Vernet CAM, Tappier RJ, Pena C, Shenoy S, Li L, Casman S, Boldog F;  
Fernandes E, Smttheon G, Malyankar U, Tallion B, Liu X;  
WPI; 2003-058504/05.  
New polypeptides, designated as NOVX, useful for diagnosing and treating  
infections, neurological diseases, cancer, allergy, and bone,  
immunological, skin, renal, brain, muscle and autoimmune disorders.  
Example 1, Page 608, 672pp: English.  
The invention relates to a novel isolated polypeptide, designated NOVX  
(NOV1 - 33), consisting of a mature form of one of 61 sequences, given in  
the specification, or its variant, where amino acid residue(s) in the  
variant differ from the mature form, provided that the variant differs in  
not more than 15 % of the amino acids from the sequence of the mature  
form. The NOVX polypeptides, nucleic acids encoding the polypeptides, and  
an antibody to the polypeptides, are useful for treating or preventing a  
NOVX-associated disorder in humans and for treating a syndrome associated  
with a human disease (NOVX-associated disorder). NOVX polypeptides and  
the encoding nucleic acids, are useful for determining the presence of or  
predisposition to a disease associated with altered levels of NOVX  
polypeptide and polynucleotide, by measuring the level of polypeptide  
expression or the amount of nucleic acid from a mammal and comparing it  
with another mammal not having or not predisposed to the disease. NOVX  
polypeptide is also useful for identifying an agent that binds to NOVX  
and a cell expressing NOVX is useful for identifying an agent that  
modulates the expression or activity of NOVX. The antibodies and a  
polypeptide having 95 % sequence identity to NOVX polypeptide are useful  
for treating a pathological state in a mammal. The antibodies are also  
useful for determining the presence or amount of NOVX in a sample. NOVX  
polypeptides, polynucleotides and antibodies specific for the  
polypeptides are useful for treating or preventing disorders or syndromes  
including trauma, viral, bacterial, fungal, protozoal, and parasitic  
infections. They can also treat disorders such as e.g., Alzheimer's  
disease or a stroke. The NOVX encoding nucleic acids are useful for  
expressing the NOVX proteins, to detect NOVX mRNA, or a genetic lesion in  
a NOVX gene and to modulate NOVX activity. NOVX sequences are also useful  
for identifying a cell or tissue type in a biological sample, to amplify  
DNA sequences from very small biological samples such as tissues e.g.  
hair or skin or body fluids in forensic biology and as primers and probes  
for use in identifying and/or cloning NOVX homologues in other cell  
types. The NOVX proteins are useful as an immunogen to generate  
antibodies which are useful for diagnostically monitoring protein levels  
and modulating NOVX activity. Cells comprising NOVX nucleic acids are  
useful for producing non-human transgenic animals which are useful for  
studying the function and/or activity of NOVX protein and for identifying  
and/or evaluating modulators of NOVX protein activity. The NOVX nucleic  
acids can be used in gene therapy. This polynucleotide sequence  
represents a NOVX PCR primer of the invention



SQL Sequence 22 BP; 6 A; 4 C; 7 G; 5 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2746 CAGGTTACGAGTACTCTG 2766  
DB 21 CATGTACCTGTGATCTCTG 1

RESULT 3450  
ACA89735/C  
ID ACA89735 standard; DNA; 22 BP.

XX ACA89735;  
XX  
XX 09-JUL-2003 (first entry)

DE Herbicide resistance polymorphic marker related primer #34.

XX Polymorphic marker; herbicide resistance; herbicide susceptible plant;  
KM herbicide resistant plant; Conyza canadensis; Lolium rigidum; goosegrass;  
KM glyphosate; paraquat; sulfonyl urea moiety; PCR; primer; ss.

XX OS Synthetic.

XX PN WO2003031937-A2.

XX PD 17-APR-2003.

XX PF 11-OCT-2002; 2002WO-US032637.

XX PR 12-OCT-2001; 2001US-0328750P.

XX PA (MORP-) MORPHOTEK INC.

XX PI Chao Q, Graess L, Nicolaides NC, Sasse PM;

XX DR WPI; 2003-430273/40.

XX PT Identifying polymorphic markers of herbicide resistance in a plant, by  
PT analysing genomic DNA of herbicide resistant and susceptible plants, and  
PT identifying difference that correlate with resistance or susceptibility.

XX PS Example 6; Page 38; 168pp; English.

XX The invention describes a method of identifying polymorphic markers of  
CC herbicide resistance in a plant. The method involves: isolating genomic  
CC DNA from an herbicide susceptible plant and an herbicide resistant plant  
CC of the same species, performing genetic analysis and identifying  
CC differences between their genomic DNA, identifying the difference that  
CC correlate with herbicide resistance or susceptibility, thus identifying  
CC polymorphic markers. The method is useful for identifying polymorphic  
CC markers of herbicide resistance in a plant e.g. Conyza canadensis, Lolium  
CC rigidum and goosegrass species, where the herbicides include glyphosate,  
CC paraquat and sulfonyl urea moieties. This sequence represents a primer  
CC associated with the identification of polymorphic markers of herbicide  
CC resistance

SQL Sequence 22 BP; 10 A; 0 C; 11 G; 0 T; 0 U; 1 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5328 CTCTCTTGCTCACTCTCTC 5348  
DB 21 CTCTCTCTCTCTCTCTCTC 1

RESULT 3451  
ACA62897

ID ACA62897 standard; DNA; 22 BP.

XX ACA62897;

XX 21-AUG-2003 (first entry)

DE Repeated nucleic acid detection method associated PCR primer #1.

XX Repeated nucleic acid detection; PCR; primer; ss.

XX OS Synthetic.

XX PN US2003022163-A1.

XX PD 30-JAN-2003.

XX PF 15-DEC-2000; 2000US-00739909.

XX PR 21-JUL-1999; 99US-00358972.

XX PR 25-AUG-1999; 99US-00383316.

XX PA (MAND/) MANDREKAR M N.

XX PA (TERE/) TEREBBA A.

XX PA (SHUL/) SHULTZ J W.

XX PI Mandrekar MN, Teraba A, Shultz JW;

XX DR WPI; 2003-479484/45.

XX PD Determining presence or absence of desired nucleic acids that contain  
XX multiple repeats of predetermined nucleic acid target sequences in a  
XX sample, by using nucleic acid hybridization methods.

XX PT Example 3; Page 16; 31pp; English.

XX The invention describes a method of determining presence or absence of a  
CC desired nucleic acid (NA) that contains multiple repeats of a  
CC predetermined NA target sequence in a NA sample. The method involves  
CC providing a treated sample that may contain the desired NA in which  
CC several predetermined repeating NA target sequences are hybridised with a  
CC NA probe, analysing for presence or absence of the desired NA. The method  
CC is useful for determining the presence or absence of desired nucleic  
CC acids that contain multiple repeats of a predetermined NA target  
CC sequence, in a NA sample obtained from a biological sample, where the  
CC repeated sequence includes several predetermined repeated sequence that  
CC differ in length and/or sequence. The methods can be efficiently used for  
CC distinguishing human and bacterial NA. The method is highly sensitive,  
CC and enables detection and quantification of the presence of a NA without  
CC the need to undergo a NA target sequence enrichment step prior to a NA  
CC hybrid detection step. The method enables rapid and accurate detection of  
CC a desired NA that contains multiple repeats of a NA target sequence. This  
CC sequence represents a primer associated with the repeated nucleic acid  
CC detection method of the invention

SQL Sequence 22 BP; 6 A; 6 C; 7 G; 3 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2539 GAGCTCGAGTCTGACGTC 2559  
DB 2 GAGCTCGAGTCTGACCAAC 22

RESULT 3452  
ACC84173  
ID ACC84173 standard; DNA; 22 BP.

XX ACC84173;  
XX  
XX 03-OCT-2003 (first entry)

```

XX DE Human butyrylcholinesterase sense PCR primer Acb710.
XX KW Human; butyrylcholinesterase; transgenic; poisoning; antidote; enzyme;
XX KM PCR; primer; ss.
XX OS Homo sapiens.
XX PN W02003054182-A2.
XX PD 03-JUL-2003.
XX PF 19-DEC-2002; 2002W0-IB005526.
XX PR 21-DEC-2001; 2001US-0344285P.
XX PA (NEXT-) NEXIA BIOTECHNOLOGIES INC.
XX PI Karatzas C, Huang Y, Lazaris A;
XX PS WPI; 2003-559148/52.
XX DR WPI; 2003-559148/52.
XX PT New transgenic mammal (e.g. goat) expressing a butyrylcholinesterase
XX PT (BChE) enzyme in its milk or urine, useful for large-scale production of
XX PT recombinant BChE to prevent or treat organophosphate poisoning or cocaine
XX PT intoxication.
XX PS Example 1; Page 41; 112pp; English.
XX CC The present sequence is that of sense primer Acb710, which was used in
XX CC the PCR amplification of human butyrylcholinesterase (BChE) cDNA (see
XX CC ACC84169) from pCMV/BChE. The PCR product was used in the construction of
XX CC pCMV/BChE/hSA, used to prepare a BChE-hSA fusion protein in mammalian
XX CC cells. The primer was also used to generate a probe for detection of a
XX CC BChE transgene. The invention provides methods for large-scale production
XX CC of recombinant BChE in cell culture, and in the milk and/or urine of
XX CC transgenic mammals. The recombinant BChE can be used in preventing and/or
XX CC treating organophosphate pesticide poisoning, nerve gas poisoning,
XX CC cocaine intoxication or succinylcholine-induced apnoea
XX SQ Sequence 22 BP; 6 A; 3 C; 6 G; 7 T; 0 U; 0 Other;
XX
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3602 TGTACCTTCTTTGGGGAATG 3622
DB 2 TGTACTCTCTTTGGAGAAAG 22

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PR 12-FEB-1996; 96US-00598591.
PR 12-FEB-1997; 97US-00798691.
PR 04-AUG-1997; 97US-00905772.
PR 22-MAY-1998; 98US-00084471.
PR 04-AUG-1998; 98US-00129134.
PR 14-MAR-2000; 2000US-00524794.
XX OS (ONCO-) ONCORMED INC.
XX PA
XX PI Murphy PD;
XX PD WPI; 2003-576875/54.
XX DR
XX PT Determining a functional allele profile of a gene in a population by
XX PT identifying the nucleotide sequence of a gene of genomic DNA from each of
XX PT the individuals with a family history of functional alleles of the gene
XX PT of interest.
XX PS Example 5; Page 14; 28pp; English.
XX CC The present invention relates to a method for determining a functional
XX CC allele profile of a gene in a population. The method comprises
XX CC identifying the nucleotide sequence of a gene of interest out of genomic
XX CC DNA from each of a population of individuals identified as having a
XX CC family history which indicates inheritance of functional alleles of the
XX CC gene of interest, and rank ordering the frequency of occurrence of each
XX CC haplotype, where the identity of the alleles containing each haplotype
XX CC and the determination of their relative frequencies constitutes the
XX CC functional allele profile of the gene of interest in the population. The
XX CC method is useful for determining functional allele profiles which are
XX CC useful in the treatment and diagnosis of diseases, for genetic and
XX CC pharmacogenetic applications, and for evaluating the degree to which the
XX CC gene(s) are under selective pressure. The present sequence represents a
XX CC sequencing primer used in the method of the invention.
XX SQ Sequence 22 BP; 13 A; 5 C; 2 G; 2 T; 0 U; 0 Other;
XX
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 7307 CTTTGAGATTGTGTTGTGT 7327
DB 22 CTTTGATTGTGTTGTGT 2

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RESULT 3453
ADA45389/c
ID ADA45389 standard; DNA; 22 BP.
XX AC ADA45389;
XX AC
XX DT 20-NOV-2003 (first entry)
XX DE Human BRAC2 gene sequencing primer #9.
XX KM Functional allele profile; genetic inheritance; haplotype; population;
XX KM disease; pharmacogenetic application; selective pressure; human; MSH2;
XX KM MHL1; BRCA1; BRCA2; PTEN; BAP1; BARD1; p53; sequencing; primer; ss.
XX OS Homo sapiens.
XX OS
XX PN US2003096236-A1.
XX PD 22-MAY-2003.
XX PR 08-AUG-2001; 2001US-00923327.
XX PF
XX PA

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RESULT 3454
ACH03242
ID ACH03242 standard; DNA; 22 BP.
XX AC ACH03242;
XX AC
XX DT 25-SEP-2003 (first entry)
XX DE Immunostimulatory nucleic acid #877.
XX KM Immunostimulatory; antiinflammatory; dermatological; antipsoriatic;
XX KM anticancer; gene therapy; vaccine; non-allergic inflammatory disease;
XX KM psoriasis; eczema; allergic contact dermatitis; latex dermatitis;
XX KM inflammatory bowel disease; ulcerative colitis; Crohn's disease; ss.
XX OS Synthetic.
XX OS
XX PN US2003050268-A1.
XX PD 13-MAR-2003.
XX PD
XX PF 29-MAR-2002; 2002US-00112653.
XX PR 29-MAR-2001; 2001US-0279642P.
XX PR
XX PA (KRIE/) KRIEG A M.
XX PA (BERG/) BERG D J.

```

XX Krleg AM, Berg DJ;  
XX  
XX  
DR WPI; 2003-521815/49.  
XX  
XX Treating non-allergic inflammatory diseases, such as psoriasis, eczema,  
PT allergic contact dermatitis, latex dermatitis or inflammatory bowel  
XX disease by administering an immunostimulatory nucleic acid.  
XX  
PS Disclosure; Page 32; 223pp; English.  
XX  
XX The invention describes a method of treating non-allergic inflammatory  
CC disease comprising administering to a subject having or at risk of  
CC developing a non-allergic inflammatory disease an immunostimulatory  
CC nucleic acid for prevention or treatment of the disease. The method is  
CC useful for treating non-allergic inflammatory diseases, such as  
CC psoriasis, eczema, allergic contact dermatitis, latex dermatitis or  
CC inflammatory bowel disease e.g., ulcerative colitis or Crohn's disease.  
CC This sequence represents an immunostimulatory nucleic acid  
XX  
SQ Sequence 22 BP; 0 A; 11 C; 0 G; 11 T; 0 U; 0 Other;  
  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
QY 5328 CTCCTTTGGCTCACTCTCTC 5348  
DB 1 CTCCTCTCTCTCTCTCTCTC 21  
  
RESULT 3455  
ADB37205  
ID ADB37205 standard; DNA; 22 BP.  
XX  
AC ADB37205;  
XX  
DT 04-DEC-2003 (first entry)  
XX  
DE Immunostimulatory nucleic acid #819.  
XX  
KW ds; allergy; asthma; poly-G nucleic acid; aerosol formulation;  
KM hypo-responsive subject; immunostimulatory.  
XX  
OS Synthetic.  
XX  
PN US2003087848-A1.  
XX  
PD 08-MAY-2003.  
XX  
PF 02-FEB-2001; 2001US-00776479.  
XX  
PR 03-FEB-2000; 2000US-0179991P.  
XX  
PA (BRAT/) BRATZLER R L.  
PA (PETE/) PETERSEN D M.  
PA (FOUR/) FOURON Y.  
XX  
PI Bratzler RL, Petersen DM, Fouron Y;  
XX WPI; 2003-657977/62.  
XX  
DR Treating and/or preventing allergy or asthma using an immunostimulatory  
PT nucleic acid alone or in combination with an asthma/allergy medicament.  
XX  
PS Disclosure; Page 17; 221pp; English.  
XX  
XX The invention relates to a method of treating or preventing allergy or  
CC asthma which comprises administering to a subject a poly-G nucleic acid  
CC in an aerosol formulation. The methods and compositions of the present  
CC invention are useful for diagnosing and/or treating asthma and allergy  
CC especially in a hypo-responsive subject. The present sequence represents  
CC an immunostimulatory nucleic acid of the invention.

XX  
SQ Sequence 22 BP; 0 A; 11 C; 0 G; 11 T; 0 U; 0 Other;  
  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
QY 5328 CTCCTTTGGCTCACTCTCTC 5348  
DB 1 CTCCTCTCTCTCTCTCTCTC 21  
  
RESULT 3456  
ADB54403/C  
ID ADB54403 standard; DNA; 22 BP.  
XX  
AC ADB54403;  
XX  
DT 04-DEC-2003 (first entry)  
XX  
DE PCR primer 71 used to amplify genomic DNA region.  
XX  
KW colon cell proliferative disorder; non methylated CpG dinucleotide;  
KW cytosatic; cancer; adenoma; carcinoma; cytosine methylation state; ss;  
KW PCR; primer.  
XX  
OS Unidentified.  
XX  
PN WO2003072821-A2.  
XX  
PD 04-SEP-2003.  
XX  
PF 27-FEB-2003; 2003WO-BP002035.  
XX  
PR 27-FEB-2002; 2002EP-00004551.  
XX  
PA (EPIC-) EPIDENOMICS AG.  
XX  
PI Adorjan P, Burger M, Maier S, Nimrich I, Becker E, Lesche R;  
PI Rujan T, Schmitt A;  
XX  
DR WPI; 2003-731620/69.  
XX  
PT Detecting and differentiating between colon cell proliferative disorders  
PT associated with a gene or its regulatory regions comprises contacting a  
PT target nucleic acid in a biological sample obtained from the subject with  
XX a reagent.  
XX  
PS Claim 15; Page 24; 74pp; English.  
XX  
XX The invention relates to a novel method for detecting and differentiating  
CC between colon cell proliferative disorders associated with at least one  
CC gene or its regulatory regions. The method comprises contacting a target  
CC nucleic acid in a biological sample obtained from the subject with at  
CC least one reagent or a series of reagents, where the reagent or series of  
CC reagents, distinguishes between methylated and non methylated CpG  
CC dinucleotides within the target nucleic acid. The molecules of the  
CC invention demonstrate cytosatic activity whilst the method may be useful  
CC for detecting and differentiating between colon cell proliferative  
CC disorders, including cancers such as colon adenoma and colon carcinoma.  
CC The pNA (peptide nucleic acid)-oligomers are useful as probes for  
CC determining cytosine methylation state or single nucleotide  
CC polymorphisms. The current sequence is that of the PCR primer of the  
CC invention which was used to amplify the genomic DNA region.  
XX  
SQ Sequence 22 BP; 11 A; 0 C; 8 G; 3 T; 0 U; 0 Other;  
  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
QY 5741 CCCTTCTCTCTATTCACCTC 5761  
DB 1 CCCTTCTCTCTCTCTCTCTC 21



KW Period; PER; casein kinase I; hCKI delta; epsilon; PER1; PER2; PER3;  
 KW circadian rhythm; CKI; black rat; ss; primer; PCR; RT-PCR.  
 OS Rattus rattus.  
 XX US655328-B1.  
 XX 29-APR-2003.  
 PD 29-APR-2003.  
 XX 07-JUN-2000; 2000US-00589462.  
 PF 08-JUN-1999; 99US-00327745.  
 PR 08-JUN-1999; 99US-00327745.  
 XX (AVET ) AVENTIS PHARM INC.  
 PA (AVET ) AVENTIS PHARM INC.  
 XX Kessler GA, Mondadori C, Yao Z, Camacho F;  
 PI WPI; 2003-786290/74.  
 DR WPI; 2003-786290/74.  
 XX Determining the ability of a test compound to alter the phosphorylation  
 PT of human Period proteins, e.g. for screening for a compound that can  
 PT alter the circadian rhythm of a mammal, comprises using human kinase I  
 PT delta and/or epsilon.  
 XX Example 10; SEQ ID NO 7; 25pp; English.  
 PS The invention relates to a novel method for determining the ability of a  
 XX test compound to alter the phosphorylation of one or more human Period  
 CC (PER) proteins comprising adding a test compound to a screening system  
 CC comprising human casein kinase I (hCKI) delta and/or epsilon protein and  
 CC one or more human Period proteins that are hPER1, hPER2, and hPER3 and  
 CC determining the level of phosphorylation of a human Period protein. The  
 CC method of the invention may be used for determining the ability of a test  
 CC compound to alter the phosphorylation or degradation of one or more human  
 CC Period proteins and to determine the ability of a test compound to alter  
 CC the circadian rhythm of a mammal. The screening methods can be automated  
 CC allowing for high throughput screening of a large number of test of the  
 CC compounds. The current sequence is that of the forward PCR primer of the  
 CC invention which was used to amplify black rat PER1 mRNA.  
 XX  
 SQ Sequence 22 BP; 5 A; 4 C; 7 G; 6 T; 0 U; 0 Other;  
 Query March 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 3239 TTTTAGAGCGCTTAATCAGA 3259  
 Db 21 TTGTACAGCGCTTAACCA 1  
 RESULT 3460  
 ADG78996/c  
 ID ADG78996 standard; DNA; 22 BP.  
 XX  
 AC ADG78996;  
 XX  
 DT 01-JAN-2004 (first entry)  
 XX  
 DE Cell differentiation promoter KKLUF protein-related PCR primer, SEQ ID 15.  
 XX  
 KW Cell differentiation promoter KKLUF protein; lipid-storage; obesity;  
 KW anorectic; gene therapy; PCR; primer; ss.  
 XX  
 OS unidentified.  
 OS JP2003171316-A.  
 XX  
 PN 20-JUN-2003.  
 PD 20-JUN-2003.  
 XX  
 PF 17-JUL-2002; 2002JP-00208329.  
 PR 21-SEP-2001; 2001JP-00288719.

XX  
 PA (SUMO ) SUMITOMO CHEM CO LTD.  
 XX  
 DR WPI; 2003-783170/74.  
 XX  
 PT Novel nucleic acid encodes cell differentiation promoter KKLUF, useful for  
 PT prophylaxis and treatment of disease related to lipid-storage deficiency.  
 XX  
 PS Example 17; SEQ ID NO 15; 47pp; Japanese.  
 XX  
 CC The present invention relates to cell differentiation promoter KKLUF  
 CC proteins (I; ADG78982-ADG78984) and their coding sequences (ADG78987,  
 CC ADG78992 and ADG78995). The proteins promote lipid-storage and are useful  
 CC for prophylaxis and treatment of lipid-storage disease e.g., obesity. The  
 CC present sequence is a PCR primer, which was used in an example from the  
 CC invention.  
 XX  
 SQ Sequence 22 BP; 8 A; 7 C; 3 G; 4 T; 0 U; 0 Other;  
 Query March 0.2%; Score 14.6; DB 1; Length 22;  
 Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 4646 TGGATTTCCTTGTGAGAG 4666  
 Db 21 TGGATTTCCTCATTTGAGAG 1  
 RESULT 3461  
 ADG79210  
 ID ADG79210 standard; DNA; 22 BP.  
 XX  
 AC ADG79210;  
 XX  
 DT 01-JAN-2004 (first entry)  
 XX  
 DE Animal identification PCR primer, SEQ ID 10.  
 XX  
 KW Animal identification; ATP synthetase subunit 8; mitochondrion; PCR;  
 KW primer; ss.  
 XX  
 OS unidentified.  
 OS JP2003164287-A.  
 XX  
 PN 10-JUN-2003.  
 PD 10-JUN-2003.  
 PF 30-NOV-2001; 2001JP-00366120.  
 PR 30-NOV-2001; 2001JP-00366120.  
 XX  
 AC 30-NOV-2001; 2001JP-00366120.  
 XX  
 PA (DOKU-) DOKURITSU GYOSEI HOJIN HISHIRYO KENSAJO.  
 PA (DOKU-) DOKURITSU GYOSEI HOJIN NOGYO SEIBUTSU SH.  
 XX  
 DR WPI; 2003-793234/75.  
 XX  
 PT Identifying animal species, comprises amplifying DNA fragment in sample  
 PT by PCR using specific primers originating in eighth sub-unit of ATP  
 PT synthetase and gene sequence of mitochondria genome, and detecting  
 PT amplified DNA fragment.  
 XX  
 PS Claim 7; SEQ ID NO 10; 24pp; Japanese.  
 XX  
 CC The present invention relates to a method (M1) for identifying (M1)  
 CC animal species such as mammal, by amplifying a DNA fragment by PCR, using  
 CC DNA in a sample as the template, and animal specific gene sequence  
 CC primers originating in eighth sub-unit of ATP synthetase and gene  
 CC sequence of mitochondria genome as primers, and detecting the amplified  
 CC DNA fragment. The present sequence is a PCR primer, which was used to  
 CC illustrate the method of the invention. (M1) has high sensitivity in  
 CC detecting trace amounts of DNA in a sample and for detecting trace amount  
 CC of cow meat and bone meat in mixed feed for livestock.

SQ Sequence 22 BP; 3 A; 1 C; 4 G; 14 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7308 TTTGAGATTGTTGTGTC 7328  
DB 2 TTTAAATTTTGTGTGTC 22

RESULT 3462  
ADD21891/c  
ID ADD21891 standard; DNA; 22 BP.  
XX  
AC ADD21891;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
DE Protein translation efficiency-related DNA sequence #75.  
XX  
KM nucleotide production; translation efficiency; protein synthesis; ds.  
XX  
XX Unidentified.  
XX  
OS  
PN WO2003056009-A1.  
XX  
PD 10-JUL-2003.  
XX  
PF 27-DEC-2002; 2002WO-JP013756.  
XX  
PR 27-DEC-2001; 2001JP-0039641.  
XX  
XX (ENDO/) ENDO Y.  
XX  
PI Endo Y, Sawasaki T;  
XX  
DR WPI; 2003-618079/58.  
XX  
PT Preparing translation controlling nucleotides used for increased  
XX efficiency during protein synthesis.  
XX  
PS Claim 11; Page 60; 87pp; Japanese.  
XX  
CC The invention comprises a method for preparing nucleotides that control  
XX translation efficiency of proteins. The nucleotides of the invention are  
CC useful for increasing efficiency during protein synthesis. The present  
CC DNA sequence is used in the exemplification of the invention.  
XX  
SQ Sequence 22 BP; 3 A; 6 C; 0 G; 13 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4024 AAGAGAGAAACAAATGTTA 4044  
DB 21 AAAAGAGAAAGATATGTGA 1

RESULT 3463  
ADD36771  
ID ADD36771 standard; DNA; 22 BP.  
XX  
AC ADD36771;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
DE Human papillomavirus E6 gene-specific PCR primer 251.  
XX  
KM cervical carcinoma; l1 gene; E6 gene; HPV16; HPV18; HPV; cervical cancer;  
XX cervical cell; cervix; PCR; primer; ss.

OS Human papillomavirus.  
XX  
PN WO2003057914-A2.  
XX  
PD 17-JUL-2003.  
XX  
PF 07-JAN-2003; 2003WO-GB000034.  
XX  
PR 07-JAN-2002; 2002GB-00000239.  
XX  
PR 19-JUN-2002; 2002GB-00014124.  
XX  
XX (NORC-) NORCHIP AS.  
XX  
PA (ALTA/) ATLARD S J.  
XX  
PI Karlisen F;  
XX  
DR WPI; 2003-587136/55.  
XX  
XX  
XX An in vitro method of screening human subjects to assess their risk of  
XX developing cervical carcinoma, comprises screening the subject for  
XX expression of mRNA transcripts from the l1 gene and the E6 gene of human  
XX papillomavirus.  
XX  
PS Disclosure; Page 55; 102pp; English.  
XX  
XX This invention relates to a novel method for the detection of human  
XX papillomavirus mRNA for use in the screening of human female subjects to  
XX assess their risk of developing cervical carcinoma. The invention  
XX comprises screening the subject for expression of mRNA transcripts from  
XX the l1 gene and the E6 gene of human papillomavirus, where subjects  
XX positive for expression of l1 and/or E6 mRNA are scored as being at risk  
XX of developing cervical carcinoma. The presence of the human  
XX papillomavirus (in particular HPV16 and HPV18) has been associated with  
XX cervical cancer in numerous epidemiological studies. The methods of the  
XX invention are useful for screening human subjects to assess their risk of  
XX developing cervical carcinoma, or for identifying human subjects having  
XX abnormal cell changes in the cervix. The present sequence is that of a  
XX preferred PCR primer which may be used to amplify the E6 gene of human  
XX papillomavirus in the method of the invention.  
XX  
SQ Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5647 ACCCCAGCCTCATCTCTTTA 5667  
DB 2 ATCCTCATCCTCATCTCTGA 22

RESULT 3464  
ADD37020  
ID ADD37020 standard; DNA; 22 BP.  
XX  
AC ADD37020;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
DE Human papillomavirus E6 gene-specific PCR primer/probe Seq ID133.  
XX  
XX  
XX cervical carcinoma; l1 gene; E6 gene; HPV16; HPV18; HPV; cervical cancer;  
XX cervical cell; cervix; PCR; primer; probe; ss.  
XX  
OS Human papillomavirus.  
XX  
PN WO2003057914-A2.  
XX  
PD 17-JUL-2003.  
XX  
XX  
XX 07-JAN-2003; 2003WO-GB000034.  
XX  
XX 07-JAN-2002; 2002GB-00000239.  
XX

```
PR 19-JUN-2002; 2002GB-00014124.
XX
XX (NORC-) NORCHIP AS.
PA (ALIA/) ALLARD S J.
XX
XX Karlisen F;
XX WPI; 2003-587136/55.
XX
XX An in vitro method of screening human subjects to assess their risk of
PT developing cervical carcinoma, comprises screening the subject for
PT expression of mRNA transcripts from the L1 gene and the E6 gene of human
PT papillomavirus.
XX
XX Disclosure; SEQ ID NO 133, 102pp; English.
XX
XX This invention relates to a novel method for the detection of human
CC papillomavirus mRNA for use in the screening of human female subjects to
CC assess their risk of developing cervical carcinoma. The invention
CC comprises screening the subject for expression of mRNA transcripts from
CC the L1 gene and the E6 gene of human papillomavirus, where subjects
CC positive for expression of L1 and/or E6 mRNA are scored as being at risk
CC of developing cervical carcinoma. The presence of the human
CC papillomavirus (in particular HPV16 and HPV18) has been associated with
CC cervical cancer in numerous epidemiological studies. The methods of the
CC invention are useful for screening human subjects to assess their risk of
CC developing cervical carcinoma, or for identifying human subjects having
CC abnormal cell changes in the cervix. The present sequence is that of a
CC PCR primer (which may also be suitable as a probe) which may be used to
CC amplify the E6 gene of human papillomavirus in the method of the
CC invention.
XX
XX Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5647 ACCCCGAGCTCATCTCTTA 5667
Db 2 ATCTCATCTCATCTCTCTGA 22
RESULT 3465
ADD22074
ID ADD22074 standard; DNA; 22 BP.
XX
XX ADD22074;
AC
XX 15-JAN-2004 (first entry)
DT
XX HPV E6 gene transcribed mRNA detecting oligonucleotide, SEQ ID No 113.
DE
XX E6; human papillomavirus; HPV; NASBA; primer; PCR; ss.
KM
XX Human papillomavirus type 56.
OS
XX WO2003057927-A2.
PN
XX 17-JUL-2003.
PD
XX 07-JAN-2003; 2003WO-GB000030.
PF
XX 07-JAN-2002; 2002GB-00000258.
PR
XX (NORC-) NORCHIP AS.
PA (ALIA/) ALLARD S J.
XX
XX Karlisen F;
PI
XX WPI; 2003-587141/55.
DR
XX New oligonucleotide primer and probe for detecting the presence of mRNA
PT
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```
PT transcripts from the E6 gene of a human papillomavirus in clinical
PT samples.
XX
XX Claim 1; SEQ ID NO 113; 28pp; English.
XX
XX The invention relates to a novel oligonucleotide molecule used for
CC detecting mRNA transcribed from the E6 gene of a human papillomavirus
CC (HPV). The oligonucleotide comprises any of the 133 fully defined
CC sequences having 17-26 bp given in the specification. The invention
CC further provides the detection of HPV mRNA in a test sample suspected of
CC containing HPV, comprising performing an amplification reaction on a
CC preparation of a nucleic acid isolated from the test sample to amplify a
CC portion of the mRNA transcribed from the E6 gene of HPV, where the
CC amplification reaction is performed using the primer-pair of
CC oligonucleotide cited above. The invention also provides: a reagent kit
CC for use in the detection of HPV by NASBA, comprising an oligonucleotide
CC primer-pair and, optionally, an enzyme mixture comprising an RNA directed
CC DNA polymerase, a ribonuclease that hydrolyzes the RNA strand of an RNA-
CC DNA hybrid without hydrolyzing single or double stranded RNA or DNA, and
CC an RNA polymerase that recognises the promoter sequence present in at
CC least one NASBA P1 primer oligonucleotide included in the reagent kit.
CC The oligonucleotide of the invention is useful in detecting mRNA
CC transcripts from the E6 gene of HPV in clinical samples. This
CC polynucleotide sequence represents one of the 133 oligonucleotides used
CC for detecting mRNA transcribed from the E6 gene of a human papillomavirus
CC (HPV) of the invention.
XX
XX Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;
SQ
Query Match 0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.4e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5647 ACCCCGAGCTCATCTCTTA 5667
Db 2 ATCTCATCTCATCTCTCTGA 22
RESULT 3466
ADD22346
ID ADD22346 standard; DNA; 22 BP.
XX
XX ADD22346;
AC
XX 15-JAN-2004 (first entry)
DT
XX HPV E6 gene transcribed mRNA detecting RT-PCR primer #78.
DE
XX E6; human papillomavirus; HPV; NASBA; primer; RT-PCR; ss.
KM
XX Human papillomavirus type 56.
OS
XX WO2003057927-A2.
PN
XX 17-JUL-2003.
PD
XX 07-JAN-2003; 2003WO-GB000030.
PF
XX 07-JAN-2002; 2002GB-00000258.
PR
XX (NORC-) NORCHIP AS.
PA (ALIA/) ALLARD S J.
XX
XX Karlisen F;
PI
XX WPI; 2003-587141/55.
DR
XX New oligonucleotide primer and probe for detecting the presence of mRNA
PT transcripts from the E6 gene of a human papillomavirus in clinical
PT samples.
XX
XX Disclosure; Page 25; 28pp; English.
PS
```

CC The invention relates to a novel oligonucleotide molecule used for  
CC detecting mRNA transcribed from the E6 gene of a human papillomavirus  
CC (HPV). The oligonucleotide comprises any of the 133 fully defined  
CC sequences having 17-26 bp given in the specification. The invention  
CC further provides the detection of HPV mRNA in a test sample suspected of  
CC containing HPV, comprising performing an amplification reaction on a  
CC preparation of a nucleic acid isolated from the test sample to amplify a  
CC portion of the mRNA transcribed from the E6 gene of HPV, where the  
CC amplification reaction is performed using the primer-pair of  
CC oligonucleotide cited above. The invention also provides: a reagent kit  
CC for use in the detection of HPV by NASBA, comprising an oligonucleotide  
CC primer-pair and, optionally, an enzyme mixture comprising an RNA directed  
CC DNA polymerase, a ribonuclease that hydrolyzes the RNA strand of an RNA-  
CC DNA hybrid without hydrolyzing single or double stranded RNA or DNA, and  
CC an RNA polymerase that recognises the promoter sequence present in at  
CC least one NASBA P1 primer oligonucleotide included in the reagent kit.  
CC The oligonucleotide of the invention is useful in detecting mRNA  
CC transcripts from the E6 gene of HPV in clinical samples. This  
CC polynucleotide sequence represents an oligonucleotide used for detecting  
CC mRNA transcribed from the E6 gene of a human papillomavirus (HPV) of the  
CC invention.  
XX  
SQ Sequence 22 BP; 4 A; 10 C; 1 G; 7 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 5647 ACCCCGAGCTCATCTCTTA 5667  
Db 2 ATCTCATCTCATCTCTGA 22  
RESULT 3467  
AAD62601  
ID AAD62601 standard; DNA; 22 BP.  
XX  
AC AAD62601;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
DE CML chromosomal translocation t(9;22) PCR primer #3.  
XX  
KM Amplification; human immunodeficiency virus; environmental testing; HIV;  
KM detection; diagnostic testing; PCR; primer; ss.  
XX  
OS Unidentified.  
XX  
PN US6589734-B1.  
XX  
PD 08-JUL-2003.  
XX  
PF 08-OCT-1998; 98US-00168947.  
XX  
PR 11-JUL-1989; 89US-00379501.  
PR 10-JUL-1990; 90US-00550837.  
PR 06-JUN-1995; 95US-00469067.  
XX  
PA (GENP-) GEN-PROBE INC.  
XX  
PI Kacian DL, Fultz TV, McDonough SH;  
XX  
DR WPI; 2003-810379/76.  
XX  
PT New oligonucleotide probe, useful in detecting HIV nucleic acid in a  
PT sample and for environmental and diagnostic testing.  
XX  
PS Example 18; Col 9; 62pp; English.  
XX  
CC The invention relates to oligonucleotides useful in amplifying and  
CC detecting human immunodeficiency virus (HIV) nucleic acid in a sample.  
CC The invention is used for environmental testing, diagnostic testing,  
CC research studies and for the preparation of reagents or materials for

CC cloning or other purposes. The present sequence is CML chromosomal  
CC translocation t(9;22) PCR primer. This sequence is used in the invention  
XX  
SQ Sequence 22 BP; 6 A; 6 C; 7 G; 3 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2539 GAGCTCGAGATCTGACGTAC 2559  
Db 2 GAGCTCGAGATGTCGACCAAC 22  
RESULT 3468  
ADE77598/c  
ID ADE77598 standard; DNA; 22 BP.  
XX  
AC ADE77598;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human reverse PCR primer used for HLA-DR typing.  
XX  
KM PCR; primer; ss; human; CPT; human leukocyte antigen; HLA;  
KM genetic testing; carrier screening; genotyping; profiling; polymorphic;  
KM multiplexed elongation assay; enzymatic recognition;  
KM cystic fibrosis conductance transmembrane regulator.  
XX  
OS Homo sapiens.  
XX  
PN WO2003034029-A2.  
XX  
PD 24-APR-2003.  
XX  
PF 15-OCT-2002; 2002WO-US033012.  
XX  
PR 15-OCT-2001; 2001US-0329427P.  
PR 15-OCT-2001; 2001US-0329428P.  
PR 15-OCT-2001; 2001US-0329619P.  
PR 15-OCT-2001; 2001US-0329620P.  
PR 14-MAR-2002; 2002US-0364416P.  
XX  
PA (BIOA-) BIOARRAY SOLUTIONS LTD.  
XX  
PI Li AX, Hashmi G, Seul M;  
XX  
DR WPI; 2003-393553/37.  
XX  
PT Concurrent interrogation of a number of polymorphic sites, useful for  
PT genetic testing, carrier screening, genotyping, profiling, and identity  
PT testing, comprises conducting a multiplexed elongation assay using  
PT probes.  
XX  
PS Example 7; Page 45; 143pp; English.  
XX  
CC This invention relates to a novel method for the concurrent interrogation  
CC of a number of polymorphic sites in the presence of, and without  
CC interference from, non-designated polymorphic sites. Specifically, it  
CC comprises conducting a multiplexed elongation assay by applying one or  
CC more temperature cycles to achieve linear amplification of the target or  
CC a combination of annealing and elongation steps under temperature-  
CC controlled conditions. Furthermore, this detection method uses probe  
CC extension or elongation and relies on enzymatic recognition, a superior  
CC technique that no longer depends on differential hybridisation. The  
CC present invention describes probes and methods useful for identifying or  
CC detecting polymorphisms at one or more designated sites, such that they  
CC can identify mutations within the cystic fibrosis conductance  
CC transmembrane regulator (CFTR) or the human leukocyte antigen (HLA)  
CC genes. In addition, concurrent interrogation of a multiplicity of  
CC polymorphic sites is useful for genetic testing, carrier screening,  
CC genotyping or genetic profiling, and identity testing. This  
CC oligonucleotide is the human reverse PCR primer used for HLA-DR typing in



CC an exemplification of the invention.  
XX  
SQ Sequence 22 BP; 3 A; 8 C; 6 G; 5 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
CY 1610 AGAATTTCACAGACGCTGC 1630  
DB 21 AGAGCTTCACAGTGCAGCGGC 1  
RESULT 3469  
ADE84293/C  
ID ADE84293 standard; DNA; 22 BP.  
AC ADE84293;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human lymphoid cell proliferative disorder pre-treated DNA primer #77.  
XX  
KW lymphoid cell proliferative disorder; methylation;  
XX methylated CpG dinucleotide; single nucleotide polymorphism; SNP;  
KW diffuse large B-cell lymphoma; mantle cell lymphoma;  
KW chronic lymphocytic leukemia; small lymphocytic lymphoma;  
KW follicular lymphoma; diagnosis; prognosis; primer; ss.  
XX  
OS Homo sapiens.  
XX  
PN WO2003044226-A2.  
XX  
PD 30-MAY-2003.  
XX  
PF 25-NOV-2002; 2002WO-EP013265.  
XX  
PR 23-NOV-2001; 2001DE-01057491.  
XX 28-DEC-2001; 2001DE-01064501.  
XX  
PA (EPIG-) EPIGENOMICS AG.  
XX  
PI Burger M, Caldwell C, Genc B, Becker E, Maier S, Nimrich I;  
XX WPI; 2003-457621/43.  
XX  
DR WPI; 2003-457621/43.  
XX  
PT Detecting and differentiating between lymphoid cell proliferative  
PT disorders comprises contacting a target nucleic acid with at least one  
PT reagent that distinguishes between methylated and non-methylated CpG  
PT dinucleotides.  
XX  
PS Claim 11; SEQ ID NO 289; 448bp; English.  
XX  
CC The invention relates to a method of detecting and differentiating  
CC between lymphoid cell proliferative disorders associated with at least  
CC one gene and/or their regulatory regions in a subject by contacting a  
CC target nucleic acid in a biological sample obtained from the subject with  
CC at least one reagent or series of reagents that distinguish between  
CC methylated and non-methylated CpG dinucleotides within the target nucleic  
CC acid. The genes and/or their regulatory regions are preferably selected  
CC from MDRI, CSNK2B, EGR4, AR, CDK4, RB2, CDC25A, GPR1 beta, MYO1, CDH3,  
CC MYCL1, ELK1, ABL1, APC, BCL2, CDH1, CDKN1A, CDKN1B, CDKN2a, CDKN2B, FOS,  
CC GSTP1, HIC-1, MGMT, MLH1, MOS, MYC, PTEN, RBL2, TGFBR2, TP73, CDKN1C,  
CC GSK3beta, ESR1, APAF1, BAK1, BAX or HOKA5. Oligomers, peptide nucleic  
CC acid (PNA)-oligomers and/or isolated nucleic acids based on the sequences  
CC of the genes are useful for detecting the methylation state of all the  
CC CpG dinucleotides within one or more the sequences, or their complements,  
CC for determining the cytosine methylation state and/or single nucleotide  
CC polymorphisms (SNPs), and for differentiating at least two of the medical  
CC conditions such as diffuse large B-cell lymphoma, mantle cell lymphoma,  
CC chronic lymphocytic leukemia, small lymphocytic lymphoma and follicular  
CC lymphoma. They are also useful for detecting of a predisposition to,  
CC differentiation between subclasses, diagnosis, prognosis, treating and/or

CC monitoring of lymphoid cell proliferative disorder. This sequence  
CC represents a PCR primer used to amplify the nucleic acid of a pretreated  
CC genomic DNA derived from the above mentioned genes.  
XX  
SQ Sequence 22 BP; 11 A; 0 C; 8 G; 3 T; 0 U; 0 Other;  
Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.4e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
CY 5741 CCCTTTCTTCTATTCACCTCT 5761  
DB 21 CCATTTCTTTACTCCCTCT 1  
RESULT 3470  
ADE47973/C  
ID ADE47973 standard; DNA; 22 BP.  
XX  
AC ADE47973;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human NOVX reverse PCR primer SEQ ID NO:335.  
XX  
KW human; cardiant; antiarteriosclerotic; hypotensive; immunosuppressive;  
KW dermatological; anorectic; cyostatic; antidiabetic; haemostatic;  
KW anti-HIV; antiaesthetic; antibacterial; virucide; neuroprotective;  
KW nootropic; antiparkinsonian; antipapemic; gene therapy; vaccine; PCR;  
KW primer; ss.  
XX  
OS Homo sapiens.  
XX  
PN WO2003076642-A2.  
XX  
PD 18-SEP-2003.  
XX  
PF 02-AUG-2002; 2002WO-US024459.  
XX  
PR 02-AUG-2001; 2001US-0309501P.  
XX 03-AUG-2001; 2001US-0310291P.  
XX 08-AUG-2001; 2001US-0310951P.  
XX 09-AUG-2001; 2001US-0311282P.  
XX 13-AUG-2001; 2001US-0311979P.  
XX 14-AUG-2001; 2001US-0312203P.  
XX 17-AUG-2001; 2001US-0313156P.  
XX 17-AUG-2001; 2001US-0313201P.  
XX 20-AUG-2001; 2001US-0313702P.  
XX 21-AUG-2001; 2001US-0314031P.  
XX 23-AUG-2001; 2001US-0314466P.  
XX 28-AUG-2001; 2001US-0315403P.  
XX 29-AUG-2001; 2001US-0315853P.  
XX 31-AUG-2001; 2001US-0316508P.  
XX 21-SEP-2001; 2001US-0323936P.  
XX 03-DEC-2001; 2001US-0338078P.  
XX 05-FEB-2002; 2002US-0354655P.  
XX 05-MAR-2002; 2002US-0361764P.  
XX 19-APR-2002; 2002US-0373825P.  
XX 15-MAY-2002; 2002US-0380971P.  
XX 15-MAY-2002; 2002US-0380980P.  
XX 16-MAY-2002; 2002US-0381039P.  
XX 28-MAY-2002; 2002US-0383761P.  
XX 29-MAY-2002; 2002US-0383887P.  
XX 01-AUG-2002; 2002US-00210130.  
XX  
PA (CURA-) CURAGEN CORP.  
XX  
PI Zernusen BD, Patturajan M, Kekuda R, Miller CE, Rieger DK,  
PI Pena CE, Shimkets RA, Li L, Berghe C, Zhong M, Casman SJ, Voss EZ;  
PI Boldog FI, Padigan M, Smitlison G, Shenoy SG, Ji W, Gorman L,  
PI Verne CM, Lette MW, Guo X, Anderson DW, Spytek KA, Gerlach VU;  
PI Burgess CE, Khramsov NV, Ort T, Ellerman K, Rastelli L, Agee M,  
PI Chaudhuri A, Chant JS, Diptipo VA, Edinger SR, Eisen A, Gangoli EA;

PI	Giot L, Ooi CE, Rothenberg ME, Spaderma SK, Hyatt T, Liu X;
PT	Taupier RJ, Catterton B;
DR	WPI; 2003-779062/73.
XX	
XX	New NOVX polypeptides and nucleic acids, useful for preventing or
PT	treating NOVX-associated disorders, e.g. cancer, diabetes,
PT	atherosclerosis, asthma or AIDS, and in chromosome mapping, tissue typing
PT	or pharmacogenomics.
XX	
PS	Example 49; SEQ ID NO 335; 562bp; English.
XX	
CC	The invention relates to a novel (NOVX) human polypeptide. A polypeptide
CC	of the invention has cardiac, antiatherosclerotic, hypotensive,
CC	immunosuppressive, dermatological, anorectic, cytosolic, antidiabetic,
CC	hemostatic, anti-HIV, antisthmatic, antibacterial, virocidic,
CC	neuroprotective, neurotropic, antiparkinsonian, and antilipemic activity.
CC	A polynucleotide encoding a polypeptide of the invention may have a use
CC	in gene therapy, and as a vaccine. A polypeptide of the invention is
CC	useful in the manufacture of a medicament for treating a syndrome
CC	associated with a human disease, the disease selected from a pathology
CC	associated with the polypeptide. These may also be used in diagnosing,
CC	treating or preventing NOVX-associated disorders such as cardiomyopathy,
CC	atherosclerosis, hypertension, scleroderma, obesity, cancer, diabetes,
CC	hemophilia, graft-versus-host disease, AIDS, asthma, Crohn's disease,
CC	multiple sclerosis, infections, anorexia, cancer-associated cachexia,
CC	neurodegenerative disorders (e.g. Alzheimer's disease or Parkinson's
CC	disease), hematopoietic disorders, dyslipidaemias and other wasting
CC	disorders associated with chronic diseases. The nucleic acids are also
CC	used as hybridisation probes, in chromosome mapping, tissue typing,
CC	preventive medicine, and pharmacogenomics. The polypeptides are also
CC	useful as vaccines. The present sequence represents a PCR primer used in
CC	the invention.
XX	
SQ	Sequence 22 BP; 7 A; 5 C; 4 G; 6 T; 0 U; 0 Other;
	Query Match 0.2%; Score 14.6; DB 1; Length 22;
	Best Local Similarity 81.0%; Pred. No. 2.4e+03;
	Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0
Dy	5238 GGGTCCAGTCATTCACGACA 5258
Dd	21 GGTTCCAGTGATTACCAGAA 1
RESULT 3471	
ADBEI6082/c	
ID	ADBEI6082 standard; DNA; 22 BP.
XX	
AC	ADBEI6082;
XX	
DT	29-JAN-2004 (first entry)
XX	
DE	G-coupled protein receptor related forward PCR primer, SEQ ID No 112.
XX	
KM	G-coupled protein receptor; antidiabetic; anorectic; antibacterial;
KM	virocidic; fungicide; cytotoxic; neurotropic; neuroprotective;
KM	antiparkinsonian; haemostatic; antilipemic; neurogenesis;
KM	cell differentiation; cell proliferation; hematopoiesis; wound healing;
KM	angiogenesis; gene therapy; chromosome mapping; tissue typing;
KM	preventive medicine; pharmacogenomics; human; PCR; primer; ss.
OS	
XX	Homo sapiens.
XX	
PB	WO200283841-A2.
PN	
PD	24-OCT-2002.
XX	
PF	03-APR-2002; 2002MO-US010713.
XX	
RR	03-APR-2001; 2001US-0281136P.
RR	05-APR-2001; 2001US-0281863P.
RR	05-APR-2001; 2001US-0281906P.

[illegible]

DB 21 ACATTGAACCTTCAAGAGG 1

Search completed: October 14, 2004, 11:24:34  
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C 107	21.2	0.3	32	1	US-10-075-335-5	Sequence 5, Appl1	C 180	20	0.3	20	1	US-09-760-500A-55	Sequence 55, Appl1
C 108	21	0.3	21	1	US-09-888-326-240	Sequence 740, App	C 181	20	0.3	20	1	US-09-967-409A-55	Sequence 55, Appl1
C 109	21	0.3	21	1	US-09-776-479-780	Sequence 780, App	C 182	20	0.3	20	1	US-09-975-062A-55	Sequence 55, Appl1
C 110	21	0.3	21	1	US-09-776-479-780	Sequence 780, App	C 183	20	0.3	20	1	US-09-976-378A-55	Sequence 55, Appl1
C 111	21	0.3	21	1	US-09-940-227-48	Sequence 48, Appl1	C 184	20	0.3	20	1	US-09-976-577-55	Sequence 55, Appl1
C 112	21	0.3	21	1	US-10-314-578-780	Sequence 780, App	C 185	20	0.3	20	1	US-09-771-554-5	Sequence 55, Appl1
C 113	21	0.3	21	1	US-10-112-653-753	Sequence 753, App	C 186	20	0.3	20	1	US-09-966-312-55	Sequence 55, Appl1
C 114	21	0.3	21	1	US-10-017-995-780	Sequence 780, App	C 187	20	0.3	20	1	US-09-927-777A-55	Sequence 55, Appl1
C 115	21	0.3	21	1	US-10-007-078-4	Sequence 4, Appl1	C 188	20	0.3	20	1	US-09-927-777A-70	Sequence 70, Appl1
C 116	21	0.3	21	1	US-10-410-031-190	Sequence 190, App	C 189	20	0.3	20	1	US-09-966-491A-55	Sequence 55, Appl1
C 117	21	0.3	24	1	US-10-081-969-18	Sequence 18, Appl1	C 190	20	0.3	20	1	US-09-976-971A-55	Sequence 55, Appl1
C 118	21	0.3	30	1	US-09-927-777A-68	Sequence 68, Appl1	C 191	20	0.3	20	1	US-09-880-505-83	Sequence 83, Appl1
C 119	21	0.3	30	1	US-10-008-978-68	Sequence 68, Appl1	C 192	20	0.3	20	1	US-09-820-278B-55	Sequence 55, Appl1
C 120	21	0.3	30	1	US-10-266-983-68	Sequence 68, Appl1	C 193	20	0.3	20	1	US-09-888-326-2	Sequence 2, Appl1
C 121	21	0.3	30	1	US-10-335-573-1	Sequence 1, Appl1	C 194	20	0.3	20	1	US-09-888-326-838	Sequence 838, App
C 122	21	0.3	32	1	US-10-208-357-14	Sequence 14, Appl1	C 195	20	0.3	20	1	US-09-888-326-839	Sequence 839, App
C 123	21	0.3	32	1	US-10-335-573-3	Sequence 3, Appl1	C 196	20	0.3	20	1	US-09-981-344-55	Sequence 55, Appl1
C 124	20.8	0.3	24	1	US-09-920-342-12	Sequence 12, Appl1	C 197	20	0.3	20	1	US-09-957-318A-55	Sequence 55, Appl1
C 125	20.8	0.3	24	1	US-09-920-313-148	Sequence 148, App	C 198	20	0.3	20	1	US-09-974-500A-55	Sequence 55, Appl1
C 126	20.8	0.3	24	1	US-09-949-305B-6	Sequence 6, Appl1	C 199	20	0.3	20	1	US-09-975-376A-55	Sequence 55, Appl1
C 127	20.8	0.3	24	1	US-09-888-326-841	Sequence 841, App	C 200	20	0.3	20	1	US-09-957-313A-55	Sequence 55, Appl1
C 128	20.8	0.3	24	1	US-09-776-479-433	Sequence 433, App	C 201	20	0.3	20	1	US-09-912-014-16	Sequence 16, Appl1
C 129	20.8	0.3	24	1	US-09-776-479-433	Sequence 433, App	C 202	20	0.3	20	1	US-09-997-672-40	Sequence 40, Appl1
C 130	20.8	0.3	24	1	US-09-776-479-961	Sequence 961, App	C 203	20	0.3	20	1	US-09-976-863A-55	Sequence 55, Appl1
C 131	20.8	0.3	24	1	US-09-776-479-961	Sequence 961, App	C 204	20	0.3	20	1	US-09-881-535-2	Sequence 2, Appl1
C 132	20.8	0.3	24	1	US-09-776-479-962	Sequence 962, App	C 205	20	0.3	20	1	US-09-776-479-226	Sequence 226, App
C 133	20.8	0.3	24	1	US-09-776-479-962	Sequence 962, App	C 206	20	0.3	20	1	US-09-776-479-226	Sequence 226, App
C 134	20.8	0.3	24	1	US-09-732-047B-1	Sequence 1, Appl1	C 207	20	0.3	20	1	US-09-776-479-556	Sequence 556, App
C 135	20.8	0.3	24	1	US-10-058-270A-140	Sequence 140, App	C 208	20	0.3	20	1	US-09-776-479-556	Sequence 556, App
C 136	20.8	0.3	24	1	US-10-314-578-433	Sequence 433, App	C 209	20	0.3	20	1	US-09-776-479-560	Sequence 560, App
C 137	20.8	0.3	24	1	US-10-314-578-961	Sequence 961, App	C 210	20	0.3	20	1	US-09-776-479-560	Sequence 560, App
C 138	20.8	0.3	24	1	US-10-314-578-962	Sequence 962, App	C 211	20	0.3	20	1	US-09-976-601A-55	Sequence 55, Appl1
C 139	20.8	0.3	24	1	US-10-671-628-10	Sequence 10, Appl1	C 212	20	0.3	20	1	US-09-975-058A-55	Sequence 55, Appl1
C 140	20.8	0.3	24	1	US-10-043-415-4	Sequence 4, Appl1	C 213	20	0.3	20	1	US-09-976-968A-55	Sequence 55, Appl1
C 141	20.8	0.3	24	1	US-10-112-653-415	Sequence 415, App	C 214	20	0.3	20	1	US-10-640-618-55	Sequence 55, Appl1
C 142	20.8	0.3	24	1	US-10-112-653-919	Sequence 919, App	C 215	20	0.3	20	1	US-09-994-701B-6	Sequence 6, Appl1
C 143	20.8	0.3	24	1	US-10-112-653-920	Sequence 920, App	C 216	20	0.3	20	1	US-09-994-701B-6	Sequence 6, Appl1
C 144	20.8	0.3	24	1	US-10-017-995-433	Sequence 433, App	C 217	20	0.3	20	1	US-09-916-369A-55	Sequence 1, Appl1
C 145	20.8	0.3	24	1	US-10-017-995-961	Sequence 961, App	C 218	20	0.3	20	1	US-09-975-498-55	Sequence 55, Appl1
C 146	20.8	0.3	24	1	US-10-017-995-962	Sequence 962, App	C 219	20	0.3	20	1	US-10-181-200-10	Sequence 10, Appl1
C 147	20.8	0.3	24	1	US-10-058-513-39	Sequence 39, Appl1	C 220	20	0.3	20	1	US-10-181-200-15	Sequence 15, Appl1
C 148	20.8	0.3	24	1	US-10-216-122-151	Sequence 151, App	C 221	20	0.3	20	1	US-10-314-578-226	Sequence 226, App
C 149	20.8	0.3	24	1	US-10-272-502A-2	Sequence 2, Appl1	C 222	20	0.3	20	1	US-10-314-578-556	Sequence 556, App
C 150	20.8	0.3	24	1	US-10-224-523-53	Sequence 53, Appl1	C 223	20	0.3	20	1	US-10-314-578-560	Sequence 560, App
C 151	20.8	0.3	24	1	US-10-389-665-4	Sequence 4, Appl1	C 224	20	0.3	20	1	US-10-208-357-26	Sequence 26, Appl1
C 152	20.8	0.3	24	1	US-10-309-775A-19	Sequence 19, Appl1	C 225	20	0.3	20	1	US-10-051-642-83	Sequence 83, Appl1
C 153	20.8	0.3	24	1	US-10-360-511-14	Sequence 14, Appl1	C 226	20	0.3	20	1	US-10-176-055-11	Sequence 11, Appl1
C 154	20.8	0.3	24	1	US-10-062-188-106	Sequence 106, App	C 227	20	0.3	20	1	US-10-117-267-1	Sequence 218, App
C 155	20.8	0.3	24	1	US-10-374-307-13	Sequence 13, Appl1	C 228	20	0.3	20	1	US-10-112-653-218	Sequence 218, App
C 156	20.8	0.3	24	1	US-10-374-307-16	Sequence 16, Appl1	C 229	20	0.3	20	1	US-10-112-653-533	Sequence 533, App
C 157	20.8	0.3	25	1	US-10-480-013-2	Sequence 2, Appl1	C 230	20	0.3	20	1	US-10-112-653-537	Sequence 537, App
C 158	20.8	0.3	30	1	US-10-369-036B-42	Sequence 42, Appl1	C 231	20	0.3	20	1	US-10-077-383-5	Sequence 5, Appl1
C 159	20.8	0.3	32	1	US-10-152-992-3	Sequence 3, Appl1	C 232	20	0.3	20	1	US-10-077-383-6	Sequence 6, Appl1
C 160	20.6	0.3	34	1	US-10-344-741-21	Sequence 21, Appl1	C 233	20	0.3	20	1	US-10-017-995-226	Sequence 226, App
C 161	20.6	0.3	31	1	US-09-801-274-439	Sequence 439, App	C 234	20	0.3	20	1	US-10-017-995-556	Sequence 556, App
C 162	20.6	0.3	31	1	US-09-801-274-1526	Sequence 1526, App	C 235	20	0.3	20	1	US-10-017-995-560	Sequence 560, App
C 163	20.4	0.3	22	1	US-10-216-122-94	Sequence 94, Appl1	C 236	20	0.3	20	1	US-10-194-138-32	Sequence 32, Appl1
C 164	20.4	0.3	25	1	US-10-335-573-6	Sequence 6, Appl1	C 237	20	0.3	20	1	US-10-008-978-55	Sequence 55, Appl1
C 165	20.4	0.3	25	1	US-10-205-841-26	Sequence 26, Appl1	C 238	20	0.3	20	1	US-10-008-978-70	Sequence 70, Appl1
C 166	20.4	0.3	29	1	US-10-291-986-4	Sequence 4, Appl1	C 239	20	0.3	20	1	US-10-007-078-11	Sequence 11, Appl1
C 167	20.4	0.3	30	1	US-09-853-745-37	Sequence 37, Appl1	C 240	20	0.3	20	1	US-10-007-078-12	Sequence 12, Appl1
C 168	20.2	0.3	21	1	US-10-133-937-99	Sequence 99, Appl1	C 241	20	0.3	20	1	US-10-007-078-13	Sequence 13, Appl1
C 169	20.2	0.3	21	1	US-10-159-563-99	Sequence 99, Appl1	C 242	20	0.3	20	1	US-10-007-078-14	Sequence 14, Appl1
C 170	20.2	0.3	22	1	US-10-314-321A-56	Sequence 56, Appl1	C 243	20	0.3	20	1	US-10-007-078-15	Sequence 15, Appl1
C 171	20.2	0.3	25	1	US-10-002-536A-2	Sequence 2, Appl1	C 244	20	0.3	20	1	US-10-007-078-16	Sequence 16, Appl1
C 172	20.2	0.3	27	1	US-10-418-182-148	Sequence 148, App	C 245	20	0.3	20	1	US-10-007-078-17	Sequence 17, Appl1
C 173	20.2	0.3	29	1	US-09-997-931-6	Sequence 6, Appl1	C 246	20	0.3	20	1	US-10-007-078-18	Sequence 18, Appl1
C 174	20.2	0.3	31	1	US-10-194-138-1	Sequence 1, Appl1	C 247	20	0.3	20	1	US-10-007-078-19	Sequence 19, Appl1
C 175	20	0.3	20	1	US-09-973-788A-55	Sequence 55, Appl1	C 248	20	0.3	20	1	US-10-007-078-20	Sequence 20, Appl1
C 176	20	0.3	20	1	US-09-973-638A-55	Sequence 55, Appl1	C 249	20	0.3	20	1	US-10-007-078-21	Sequence 21, Appl1
C 177	20	0.3	20	1	US-09-974-007-55	Sequence 55, Appl1	C 250	20	0.3	20	1	US-10-007-078-22	Sequence 22, Appl1
C 178	20	0.3	20	1	US-09-976-617A-55	Sequence 55, Appl1	C 251	20	0.3	20	1	US-10-007-078-23	Sequence 23, Appl1
C 179	20	0.3	20	1	US-09-961-949A-55	Sequence 55, Appl1	C 252	20	0.3	20	1	US-10-007-078-24	Sequence 24, Appl1

C 253	20	0.3	20	1	US-10-007-078-25	Sequence 25, App1	326	20	0.3	20	1	US-10-671-395-184	Sequence 184, App
C 254	20	0.3	20	1	US-10-007-078-26	Sequence 26, App1	327	20	0.3	20	1	US-10-671-395-185	Sequence 185, App
C 255	20	0.3	20	1	US-10-007-078-27	Sequence 27, App1	328	20	0.3	20	1	US-10-671-395-186	Sequence 186, App
C 256	20	0.3	20	1	US-10-007-078-28	Sequence 28, App1	329	20	0.3	20	1	US-10-671-395-187	Sequence 187, App
C 257	20	0.3	20	1	US-10-007-078-29	Sequence 29, App1	330	20	0.3	20	1	US-10-671-395-188	Sequence 188, App
C 258	20	0.3	20	1	US-10-007-078-30	Sequence 30, App1	331	20	0.3	20	1	US-10-671-395-189	Sequence 189, App
C 259	20	0.3	20	1	US-10-007-078-31	Sequence 31, App1	332	20	0.3	20	1	US-10-671-395-190	Sequence 190, App
C 260	20	0.3	20	1	US-10-007-078-32	Sequence 32, App1	333	20	0.3	20	1	US-10-671-395-191	Sequence 191, App
C 261	20	0.3	20	1	US-10-007-078-33	Sequence 33, App1	334	20	0.3	20	1	US-10-671-395-192	Sequence 192, App
C 262	20	0.3	20	1	US-10-007-078-34	Sequence 34, App1	335	20	0.3	20	1	US-10-671-395-193	Sequence 193, App
C 263	20	0.3	20	1	US-10-007-078-35	Sequence 35, App1	336	20	0.3	20	1	US-10-671-395-194	Sequence 194, App
C 264	20	0.3	20	1	US-10-007-078-36	Sequence 36, App1	337	20	0.3	20	1	US-10-671-395-195	Sequence 195, App
C 265	20	0.3	20	1	US-10-007-078-37	Sequence 37, App1	338	20	0.3	20	1	US-10-671-395-196	Sequence 196, App
C 266	20	0.3	20	1	US-10-007-078-38	Sequence 38, App1	339	20	0.3	20	1	US-10-671-395-197	Sequence 197, App
C 267	20	0.3	20	1	US-10-007-078-39	Sequence 39, App1	340	20	0.3	20	1	US-10-671-395-198	Sequence 198, App
C 268	20	0.3	20	1	US-10-007-078-40	Sequence 40, App1	341	20	0.3	20	1	US-10-671-395-199	Sequence 199, App
C 269	20	0.3	20	1	US-10-007-078-41	Sequence 41, App1	342	20	0.3	20	1	US-10-671-395-200	Sequence 200, App
C 270	20	0.3	20	1	US-10-007-078-42	Sequence 42, App1	343	20	0.3	20	1	US-10-671-395-201	Sequence 201, App
C 271	20	0.3	20	1	US-10-007-078-43	Sequence 43, App1	344	20	0.3	20	1	US-10-671-395-202	Sequence 202, App
C 272	20	0.3	20	1	US-10-007-078-44	Sequence 44, App1	345	20	0.3	20	1	US-10-671-395-203	Sequence 203, App
C 273	20	0.3	20	1	US-10-007-078-45	Sequence 45, App1	346	20	0.3	20	1	US-10-671-395-204	Sequence 204, App
C 274	20	0.3	20	1	US-10-007-078-46	Sequence 46, App1	347	20	0.3	20	1	US-10-671-395-205	Sequence 205, App
C 275	20	0.3	20	1	US-10-007-078-47	Sequence 47, App1	348	20	0.3	20	1	US-10-671-395-206	Sequence 206, App
C 276	20	0.3	20	1	US-10-007-078-48	Sequence 48, App1	349	20	0.3	20	1	US-10-671-395-207	Sequence 207, App
C 277	20	0.3	20	1	US-10-007-078-49	Sequence 49, App1	350	20	0.3	20	1	US-10-671-395-208	Sequence 208, App
C 278	20	0.3	20	1	US-10-007-078-50	Sequence 50, App1	351	20	0.3	20	1	US-10-671-395-209	Sequence 209, App
C 279	20	0.3	20	1	US-10-007-078-51	Sequence 51, App1	352	20	0.3	20	1	US-10-671-395-210	Sequence 210, App
C 280	20	0.3	20	1	US-10-007-078-52	Sequence 52, App1	353	20	0.3	20	1	US-10-671-395-211	Sequence 211, App
C 281	20	0.3	20	1	US-10-007-078-53	Sequence 53, App1	354	20	0.3	20	1	US-10-671-395-212	Sequence 212, App
C 282	20	0.3	20	1	US-10-007-078-54	Sequence 54, App1	355	20	0.3	20	1	US-10-671-395-213	Sequence 213, App
C 283	20	0.3	20	1	US-10-007-078-55	Sequence 55, App1	356	20	0.3	20	1	US-10-671-395-214	Sequence 214, App
C 284	20	0.3	20	1	US-10-007-078-56	Sequence 56, App1	357	20	0.3	20	1	US-10-671-395-215	Sequence 215, App
C 285	20	0.3	20	1	US-10-007-078-57	Sequence 57, App1	358	20	0.3	20	1	US-10-671-395-216	Sequence 216, App
C 286	20	0.3	20	1	US-10-007-078-58	Sequence 58, App1	359	20	0.3	20	1	US-10-671-395-217	Sequence 217, App
C 287	20	0.3	20	1	US-10-007-078-59	Sequence 59, App1	360	20	0.3	20	1	US-10-671-395-218	Sequence 218, App
C 288	20	0.3	20	1	US-10-007-078-60	Sequence 60, App1	361	20	0.3	20	1	US-10-671-395-219	Sequence 219, App
C 289	20	0.3	20	1	US-10-007-078-61	Sequence 61, App1	362	20	0.3	20	1	US-10-671-395-220	Sequence 220, App
C 290	20	0.3	20	1	US-10-007-078-62	Sequence 62, App1	363	20	0.3	20	1	US-10-671-395-221	Sequence 221, App
C 291	20	0.3	20	1	US-10-007-078-63	Sequence 63, App1	364	20	0.3	20	1	US-10-671-395-222	Sequence 222, App
C 292	20	0.3	20	1	US-10-007-078-64	Sequence 64, App1	365	20	0.3	20	1	US-10-671-395-223	Sequence 223, App
C 293	20	0.3	20	1	US-10-007-078-65	Sequence 65, App1	366	20	0.3	20	1	US-10-671-395-224	Sequence 224, App
C 294	20	0.3	20	1	US-10-007-078-66	Sequence 66, App1	367	20	0.3	20	1	US-10-671-395-225	Sequence 225, App
C 295	20	0.3	20	1	US-10-007-078-67	Sequence 67, App1	368	20	0.3	20	1	US-10-671-395-226	Sequence 226, App
C 296	20	0.3	20	1	US-10-007-078-68	Sequence 68, App1	369	20	0.3	20	1	US-10-671-395-227	Sequence 227, App
C 297	20	0.3	20	1	US-10-007-078-69	Sequence 69, App1	370	20	0.3	20	1	US-10-671-395-228	Sequence 228, App
C 298	20	0.3	20	1	US-10-007-078-70	Sequence 70, App1	371	20	0.3	20	1	US-10-671-395-229	Sequence 229, App
C 299	20	0.3	20	1	US-10-007-078-71	Sequence 71, App1	372	20	0.3	20	1	US-10-671-395-230	Sequence 230, App
C 300	20	0.3	20	1	US-10-007-078-72	Sequence 72, App1	373	20	0.3	20	1	US-09-888-326-840	Sequence 840, App
C 301	20	0.3	20	1	US-10-007-078-73	Sequence 73, App1	374	20	0.3	20	1	US-09-912-014-2	Sequence 2, App1
C 302	20	0.3	20	1	US-10-007-078-74	Sequence 74, App1	375	20	0.3	20	1	US-09-997-672-41	Sequence 41, App1
C 303	20	0.3	20	1	US-10-007-078-75	Sequence 75, App1	376	20	0.3	20	1	US-09-776-479-812	Sequence 912, App
C 304	20	0.3	20	1	US-10-007-078-76	Sequence 76, App1	377	20	0.3	20	1	US-09-776-479-812	Sequence 912, App
C 305	20	0.3	20	1	US-10-007-078-77	Sequence 77, App1	378	20	0.3	20	1	US-10-144-179A-41	Sequence 41, App1
C 306	20	0.3	20	1	US-10-007-078-78	Sequence 78, App1	379	20	0.3	20	1	US-10-144-179A-41	Sequence 912, App
C 307	20	0.3	20	1	US-10-188-404-66	Sequence 66, App1	380	20	0.3	20	1	US-10-096-221-4	Sequence 4, App1
C 308	20	0.3	20	1	US-10-234-764-10	Sequence 10, App1	381	20	0.3	20	1	US-10-112-653-881	Sequence 881, App
C 309	20	0.3	20	1	US-10-255-434-14	Sequence 14, App1	382	20	0.3	20	1	US-10-017-995-812	Sequence 912, App
C 310	20	0.3	20	1	US-10-255-434-26	Sequence 26, App1	383	20	0.3	20	1	US-10-100-321-23	Sequence 23, App1
C 311	20	0.3	20	1	US-10-278-047-1	Sequence 1, App1	384	20	0.3	20	1	US-10-371-066-2	Sequence 2, App1
C 312	20	0.3	20	1	US-10-371-474-63	Sequence 63, App1	385	20	0.3	20	1	US-10-170-172-2	Sequence 2, App1
C 313	20	0.3	20	1	US-10-371-066-16	Sequence 16, App1	386	20	0.3	20	1	US-10-410-031-188	Sequence 188, App
C 314	20	0.3	20	1	US-10-410-324-55	Sequence 55, App1	387	20	0.3	20	1	US-10-410-021-189	Sequence 189, App
C 315	20	0.3	20	1	US-10-266-983-55	Sequence 55, App1	388	20	0.3	20	1	US-10-435-489-41	Sequence 41, App1
C 316	20	0.3	20	1	US-10-266-983-70	Sequence 70, App1	389	20	0.3	20	1	US-10-278-760-2	Sequence 2, App1
C 317	20	0.3	20	1	US-10-431-341-31	Sequence 31, App1	390	20	0.3	20	1	US-09-426-548-126	Sequence 126, App
C 318	20	0.3	20	1	US-10-653-416-25	Sequence 25, App1	391	20	0.3	20	1	US-09-901-484A-10	Sequence 10, App1
C 319	20	0.3	20	1	US-10-716-828-55	Sequence 55, App1	392	20	0.3	20	1	US-09-853-556-10	Sequence 10, App1
C 320	20	0.3	20	1	US-10-671-395-178	Sequence 178, App	393	20	0.3	20	1	US-10-002-536A-3	Sequence 3, App1
C 321	20	0.3	20	1	US-10-671-395-179	Sequence 179, App	394	20	0.3	20	1	US-10-002-536A-4	Sequence 4, App1
C 322	20	0.3	20	1	US-10-671-395-180	Sequence 180, App	395	20	0.3	20	1	US-10-331-780-6	Sequence 6, App1
C 323	20	0.3	20	1	US-10-671-395-181	Sequence 181, App	396	20	0.3	20	1	US-10-331-780-6	Sequence 15, App1
C 324	20	0.3	20	1	US-10-671-395-182	Sequence 182, App	397	20	0.3	20	1	US-09-987-456-102	Sequence 102, App
C 325	20	0.3	20	1	US-10-671-395-183	Sequence 183, App	398	20	0.3	20	1	US-09-818-991-56	Sequence 56, App1

C 399	20	0.3	29	1	US-10-061-395-91	Sequence 91, Appl	C 472	19	0.3	19	1	US-10-100-321-24	Sequence 24, Appl
C 400	20	0.3	29	1	US-10-052-942-134	Sequence 134, App	473	19	0.3	19	1	US-10-232-881-1	Sequence 1, Appl
C 401	20	0.3	29	1	US-10-277-161-56	Sequence 56, Appl	474	19	0.3	19	1	US-10-247-893-3	Sequence 3, Appl
C 402	20	0.3	29	1	US-10-321-039-423	Sequence 423, App	475	19	0.3	19	1	US-10-247-893-7	Sequence 7, Appl
C 403	20	0.3	30	1	US-09-891-517-5	Sequence 5, Appl	476	19	0.3	19	1	US-10-247-893-13	Sequence 13, Appl
C 404	20	0.3	30	1	US-09-891-517-6	Sequence 6, Appl	477	19	0.3	19	1	US-10-098-816-15	Sequence 15, Appl
C 405	20	0.3	30	1	US-09-891-517-7	Sequence 7, Appl	478	19	0.3	19	1	US-10-098-816-17	Sequence 17, Appl
C 406	20	0.3	30	1	US-09-891-517-8	Sequence 8, Appl	479	19	0.3	19	1	US-10-098-816-18	Sequence 18, Appl
C 407	20	0.3	30	1	US-09-891-517-9	Sequence 9, Appl	480	19	0.3	19	1	US-10-098-816-18	Sequence 18, Appl
C 408	20	0.3	30	1	US-09-891-517-10	Sequence 10, Appl	481	19	0.3	19	1	US-10-098-816-26	Sequence 26, Appl
C 409	20	0.3	30	1	US-09-891-517-11	Sequence 11, Appl	482	19	0.3	19	1	US-10-322-242-1	Sequence 1, Appl
C 410	20	0.3	30	1	US-09-891-517-12	Sequence 12, Appl	C 483	19	0.3	19	1	US-10-371-600-14	Sequence 14, Appl
C 411	20	0.3	30	1	US-09-891-517-13	Sequence 13, Appl	484	19	0.3	19	1	US-10-170-172-16	Sequence 16, Appl
C 412	20	0.3	30	1	US-10-683-386-4	Sequence 4, Appl	C 485	19	0.3	19	1	US-10-205-309-325	Sequence 325, App
C 413	20	0.3	30	1	US-10-683-386-5	Sequence 5, Appl	C 486	19	0.3	19	1	US-10-205-309-650	Sequence 650, App
C 414	20	0.3	30	1	US-10-683-386-6	Sequence 6, Appl	487	19	0.3	19	1	US-10-331-109-33	Sequence 33, Appl
C 415	20	0.3	30	1	US-10-683-386-7	Sequence 7, Appl	488	19	0.3	19	1	US-10-359-328-5	Sequence 5, Appl
C 416	20	0.3	30	1	US-10-683-386-8	Sequence 8, Appl	489	19	0.3	19	1	US-10-359-328-26	Sequence 26, Appl
C 417	20	0.3	30	1	US-10-683-386-9	Sequence 9, Appl	490	19	0.3	19	1	US-10-387-346B-154	Sequence 154, App
C 418	20	0.3	30	1	US-10-683-386-10	Sequence 10, Appl	491	19	0.3	20	1	US-09-005-243-32	Sequence 32, Appl
C 419	20	0.3	30	1	US-10-683-386-11	Sequence 11, Appl	492	19	0.3	20	1	US-09-224-683-32	Sequence 32, Appl
C 420	20	0.3	30	1	US-10-683-386-12	Sequence 12, Appl	C 493	19	0.3	20	1	US-09-916-362A-3	Sequence 3, Appl
C 421	20	0.3	30	1	US-10-683-386-13	Sequence 13, Appl	494	19	0.3	20	1	US-10-671-395-654	Sequence 654, App
C 422	20	0.3	30	1	US-10-079-616-23	Sequence 23, Appl	495	19	0.3	20	1	US-10-175-608-32	Sequence 32, Appl
C 423	20	0.3	30	1	US-10-209-608-4	Sequence 4, Appl	C 496	19	0.3	21	1	US-10-479-510-11	Sequence 11, Appl
C 424	20	0.3	30	1	US-10-209-608-5	Sequence 5, Appl	497	19	0.3	24	1	US-10-182-434-1	Sequence 1, Appl
C 425	20	0.3	30	1	US-10-209-608-6	Sequence 6, Appl	498	19	0.3	25	1	US-10-297-277-4	Sequence 4, Appl
C 426	20	0.3	30	1	US-10-209-608-7	Sequence 7, Appl	C 499	19	0.3	29	1	US-10-336-638-464	Sequence 464, App
C 427	20	0.3	30	1	US-10-209-608-8	Sequence 8, Appl	500	19	0.3	35	1	US-09-927-777A-12	Sequence 72, Appl
C 428	20	0.3	30	1	US-10-209-608-9	Sequence 9, Appl	501	19	0.3	35	1	US-10-397-579-2	Sequence 2, Appl
C 429	20	0.3	30	1	US-10-209-608-10	Sequence 10, Appl	502	19	0.3	35	1	US-10-008-978-72	Sequence 72, Appl
C 430	20	0.3	30	1	US-10-209-608-11	Sequence 11, Appl	503	19	0.3	35	1	US-10-153-483-2	Sequence 2, Appl
C 431	20	0.3	30	1	US-10-209-608-12	Sequence 12, Appl	504	19	0.3	35	1	US-10-266-983-72	Sequence 72, Appl
C 432	20	0.3	30	1	US-10-209-608-13	Sequence 13, Appl	505	19	0.3	35	1	US-10-266-983-77	Sequence 77, Appl
C 433	19.8	0.3	23	1	US-10-357-888-20	Sequence 20, Appl	C 506	18.8	0.3	22	1	US-09-888-615-120	Sequence 120, App
C 434	19.8	0.3	24	1	US-10-433-561-46	Sequence 46, Appl	C 507	18.8	0.3	22	1	US-10-028-411-27	Sequence 27, Appl
C 435	19.8	0.3	24	1	US-10-477-726-46	Sequence 46, Appl	508	18.8	0.3	24	1	US-09-885-441-42	Sequence 42, Appl
C 436	19.8	0.3	27	1	US-09-985-911-16	Sequence 16, Appl	509	18.8	0.3	24	1	US-10-424-836-42	Sequence 42, Appl
C 437	19.8	0.3	27	1	US-10-182-434-2	Sequence 2, Appl	510	18.8	0.3	24	1	US-10-309-775A-20	Sequence 20, Appl
C 438	19.6	0.3	26	1	US-10-467-019-7	Sequence 7, Appl	511	18.8	0.3	24	1	US-10-309-775A-28	Sequence 28, Appl
C 439	19.6	0.3	30	1	US-09-878-756-8	Sequence 8, Appl	C 512	18.8	0.3	24	1	US-10-198-474A-22	Sequence 22, Appl
C 440	19.6	0.3	30	1	US-10-744-635-36	Sequence 36, Appl	C 513	18.8	0.3	26	1	US-10-096-076-12	Sequence 12, Appl
C 441	19.4	0.3	21	1	US-09-828-034-14	Sequence 14, Appl	C 514	18.8	0.3	26	1	US-10-764-418-12	Sequence 12, Appl
C 442	19.4	0.3	21	1	US-10-215-432-37	Sequence 37, Appl	C 515	18.8	0.3	27	1	US-10-418-182-138	Sequence 138, App
C 443	19.4	0.3	21	1	US-10-215-432-44	Sequence 44, Appl	516	18.8	0.3	28	1	US-09-263-959-420	Sequence 420, App
C 444	19.4	0.3	21	1	US-10-418-182-96	Sequence 96, Appl	517	18.8	0.3	28	1	US-10-309-775A-74	Sequence 74, Appl
C 445	19.2	0.3	24	1	US-10-309-775A-27	Sequence 27, Appl	C 518	18.6	0.2	25	1	US-10-398-483-16	Sequence 16, Appl
C 446	19.2	0.3	25	1	US-09-866-108-13908	Sequence 13908, A	519	18.6	0.2	26	1	US-09-563-728A-5	Sequence 5, Appl
C 447	19.2	0.3	25	1	US-09-866-108-13909	Sequence 13909, A	520	18.6	0.2	26	1	US-09-563-728A-14	Sequence 14, Appl
C 448	19.2	0.3	25	1	US-10-723-361-13908	Sequence 13908, A	521	18.6	0.2	26	1	US-10-145-493B-55	Sequence 55, Appl
C 449	19.2	0.3	25	1	US-10-723-361-13909	Sequence 13909, A	522	18.6	0.2	26	1	US-10-145-493B-89	Sequence 89, Appl
C 450	19.2	0.3	27	1	US-09-381-624A-8	Sequence 8, Appl	523	18.6	0.2	27	1	US-09-735-363A-3	Sequence 3, Appl
C 451	19.2	0.3	27	1	US-09-263-959-524	Sequence 524, App	524	18.6	0.2	27	1	US-09-735-363A-68	Sequence 68, Appl
C 452	19.2	0.3	44	1	US-09-984-429-633	Sequence 633, App	525	18.6	0.2	27	1	US-10-085-906-78	Sequence 78, Appl
C 453	19	0.3	19	1	US-09-917-138-1	Sequence 1, Appl	526	18.4	0.2	20	1	US-09-005-243-34	Sequence 34, Appl
C 454	19	0.3	19	1	US-09-901-484A-515	Sequence 515, App	527	18.4	0.2	20	1	US-09-005-243-34	Sequence 34, Appl
C 455	19	0.3	19	1	US-09-853-526-515	Sequence 515, App	528	18.4	0.2	20	1	US-09-224-683-33	Sequence 33, Appl
C 456	19	0.3	19	1	US-09-970-971A-15	Sequence 15, App	529	18.4	0.2	20	1	US-09-924-683-34	Sequence 34, Appl
C 457	19	0.3	19	1	US-09-970-971A-16	Sequence 16, Appl	C 530	18.4	0.2	20	1	US-09-955-410-4	Sequence 4, Appl
C 458	19	0.3	19	1	US-09-970-971A-26	Sequence 26, Appl	C 531	18.4	0.2	20	1	US-09-563-728A-6	Sequence 6, Appl
C 459	19	0.3	19	1	US-10-208-357-25	Sequence 25, Appl	C 532	18.4	0.2	20	1	US-09-563-728A-15	Sequence 15, Appl
C 460	19	0.3	19	1	US-10-123-597-2	Sequence 2, Appl	C 533	18.4	0.2	20	1	US-10-145-493B-51	Sequence 51, Appl
C 461	19	0.3	19	1	US-10-123-597-2	Sequence 2, Appl	C 534	18.4	0.2	20	1	US-10-154-890-4	Sequence 4, Appl
C 462	19	0.3	19	1	US-10-123-597-3	Sequence 3, Appl	C 535	18.4	0.2	20	1	US-10-032-586-4667	Sequence 4667, Ap
C 463	19	0.3	19	1	US-10-123-597-4	Sequence 4, Appl	C 536	18.4	0.2	20	1	US-10-032-586-5708	Sequence 5708, Ap
C 464	19	0.3	19	1	US-10-123-597-5	Sequence 5, Appl	537	18.4	0.2	20	1	US-10-315-962-46	Sequence 46, App
C 465	19	0.3	19	1	US-10-123-597-6	Sequence 6, Appl	538	18.4	0.2	20	1	US-10-671-395-558	Sequence 558, App
C 466	19	0.3	19	1	US-10-123-597-7	Sequence 7, Appl	539	18.4	0.2	20	1	US-10-728-399-87	Sequence 87, App
C 467	19	0.3	19	1	US-10-123-597-8	Sequence 8, Appl	540	18.4	0.2	20	1	US-10-175-608-33	Sequence 33, Appl
C 468	19	0.3	19	1	US-10-123-597-12	Sequence 12, Appl	541	18.4	0.2	20	1	US-10-175-608-34	Sequence 34, Appl
C 469	19	0.3	19	1	US-10-123-597-14	Sequence 14, Appl	542	18.4	0.2	21	1	US-10-418-182-106	Sequence 106, App
C 470	19	0.3	19	1	US-10-123-597-15	Sequence 15, Appl	543	18.4	0.2	21	1	US-10-735-592-13	Sequence 13, Appl
C 471	19	0.3	19	1	US-10-123-597-25	Sequence 25, Appl	544	18.4	0.2	24	1	US-10-309-775A-21	Sequence 21, Appl



C 545	18.4	0.2	25	1	US-10-278-874-1	Sequence 1, Appli	618	18.2	0.2	24	1	US-10-143-029A-213	Sequence 213, App
546	18.4	0.2	25	1	US-10-164-915-5	Sequence 5, Appli	619	18.2	0.2	24	1	US-10-145-089A-213	Sequence 213, App
C 547	18.4	0.2	25	1	US-10-278-274-1	Sequence 1, Appli	620	18.2	0.2	24	1	US-10-165-067A-213	Sequence 213, App
C 548	18.4	0.2	33	1	US-09-263-959-825	Sequence 825, App	621	18.2	0.2	24	1	US-10-145-017A-213	Sequence 213, App
549	18.2	0.2	19	1	US-09-371-307-85	Sequence 85, Appli	622	18.2	0.2	24	1	US-10-164-928A-213	Sequence 213, App
550	18.2	0.2	19	1	US-10-176-884-44	Sequence 44, Appli	623	18.2	0.2	24	1	US-10-013-926A-213	Sequence 213, App
551	18.2	0.2	19	1	US-10-177-478-1	Sequence 1, Appli	624	18.2	0.2	24	1	US-10-145-124A-213	Sequence 213, App
552	18.2	0.2	19	1	US-10-182-230-196	Sequence 196, App	625	18.2	0.2	24	1	US-10-160-502A-213	Sequence 213, App
553	18.2	0.2	19	1	US-10-401-321-85	Sequence 85, Appli	626	18.2	0.2	24	1	US-10-017-086A-213	Sequence 213, App
C 554	18.2	0.2	23	1	US-09-814-777A-82	Sequence 82, Appli	627	18.2	0.2	24	1	US-10-164-829A-213	Sequence 213, App
555	18.2	0.2	24	1	US-09-978-295A-213	Sequence 213, App	628	18.2	0.2	24	1	US-10-164-929A-213	Sequence 213, App
556	18.2	0.2	24	1	US-09-978-697-213	Sequence 213, App	629	18.2	0.2	24	1	US-10-013-922A-213	Sequence 213, App
557	18.2	0.2	24	1	US-09-978-182A-213	Sequence 213, App	630	18.2	0.2	24	1	US-10-013-922A-213	Sequence 213, App
558	18.2	0.2	24	1	US-09-999-832A-213	Sequence 213, App	631	18.2	0.2	24	1	US-10-020-445A-213	Sequence 213, App
559	18.2	0.2	24	1	US-09-978-189-213	Sequence 213, App	632	18.2	0.2	24	1	US-10-013-924A-213	Sequence 213, App
560	18.2	0.2	24	1	US-09-978-608A-213	Sequence 213, App	633	18.2	0.2	24	1	US-10-017-084A-213	Sequence 213, App
561	18.2	0.2	24	1	US-09-978-585A-213	Sequence 213, App	634	18.2	0.2	24	1	US-10-017-085A-213	Sequence 213, App
562	18.2	0.2	24	1	US-09-978-191A-213	Sequence 213, App	635	18.2	0.2	24	1	US-10-013-916A-213	Sequence 213, App
563	18.2	0.2	24	1	US-09-978-403A-213	Sequence 213, App	636	18.2	0.2	24	1	US-10-143-026B-213	Sequence 213, App
564	18.2	0.2	24	1	US-09-978-564A-213	Sequence 213, App	637	18.2	0.2	24	1	US-10-013-918A-213	Sequence 213, App
565	18.2	0.2	24	1	US-09-999-833A-213	Sequence 213, App	638	18.2	0.2	24	1	US-10-162-928A-213	Sequence 213, App
566	18.2	0.2	24	1	US-09-981-915A-213	Sequence 213, App	639	18.2	0.2	24	1	US-10-162-928A-213	Sequence 213, App
567	18.2	0.2	24	1	US-09-978-824-213	Sequence 213, App	640	18.2	0.2	24	1	US-10-013-925A-213	Sequence 213, App
568	18.2	0.2	24	1	US-09-918-585A-213	Sequence 213, App	641	18.2	0.2	24	1	US-10-013-925A-213	Sequence 213, App
569	18.2	0.2	24	1	US-09-978-423A-213	Sequence 213, App	642	18.2	0.2	24	1	US-10-013-925A-213	Sequence 213, App
570	18.2	0.2	24	1	US-09-978-193A-213	Sequence 213, App	643	18.2	0.2	24	1	US-10-145-093A-213	Sequence 213, App
571	18.2	0.2	24	1	US-09-999-830A-213	Sequence 213, App	644	18.2	0.2	24	1	US-10-013-919A-213	Sequence 213, App
572	18.2	0.2	24	1	US-09-978-757A-213	Sequence 213, App	645	18.2	0.2	24	1	US-10-309-775A-26	Sequence 26, Appli
573	18.2	0.2	24	1	US-09-776-479-60	Sequence 60, Appli	646	18.2	0.2	24	1	US-10-309-775A-73	Sequence 73, Appli
574	18.2	0.2	24	1	US-09-978-187B-213	Sequence 213, App	647	18.2	0.2	24	1	US-10-013-920A-213	Sequence 213, App
575	18.2	0.2	24	1	US-09-978-194A-213	Sequence 213, App	648	18.2	0.2	25	1	US-09-866-108-13907	Sequence 13907, A
576	18.2	0.2	24	1	US-09-978-375A-213	Sequence 213, App	649	18.2	0.2	25	1	US-10-435-226-16	Sequence 16, Appli
577	18.2	0.2	24	1	US-09-978-298A-213	Sequence 213, App	650	18.2	0.2	25	1	US-10-717-597-291	Sequence 291, A
578	18.2	0.2	24	1	US-09-978-188A-213	Sequence 213, App	651	18.2	0.2	25	1	US-10-723-361-13907	Sequence 13907, A
579	18.2	0.2	24	1	US-09-978-681A-213	Sequence 213, App	652	18.2	0.2	25	1	US-10-723-361-13910	Sequence 13910, A
580	18.2	0.2	24	1	US-09-978-829A-213	Sequence 213, App	653	18.2	0.2	25	1	US-09-962-543B-5	Sequence 5, Appli
581	18.2	0.2	24	1	US-09-999-829A-213	Sequence 213, App	654	18.2	0.2	27	1	US-09-348-354A-3	Sequence 3, Appli
582	18.2	0.2	24	1	US-09-978-544A-213	Sequence 213, App	655	18.2	0.2	27	1	US-10-040-949A-19	Sequence 19, Appli
583	18.2	0.2	24	1	US-09-978-665A-213	Sequence 213, App	656	18.2	0.2	27	1	US-10-783-510A-21	Sequence 21, Appli
584	18.2	0.2	24	1	US-09-978-802A-213	Sequence 213, App	657	18.2	0.2	27	1	US-10-371-600-4	Sequence 3, Appli
585	18.2	0.2	24	1	US-10-167-600-213	Sequence 213, App	658	18.2	0.2	32	1	US-09-809-545A-84	Sequence 84, Appli
586	18.2	0.2	24	1	US-10-170-481A-213	Sequence 213, App	659	18.2	0.2	32	1	US-09-888-326-937	Sequence 83, App
587	18.2	0.2	24	1	US-10-172-039A-213	Sequence 213, App	660	18.2	0.2	32	1	US-09-994-311-6	Sequence 6, Appli
588	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	661	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
589	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	662	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
590	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	663	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
591	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	664	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
592	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	665	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
593	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	666	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
594	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	667	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
595	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	668	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
596	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	669	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
597	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	670	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
598	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	671	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
599	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	672	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
600	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	673	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
601	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	674	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
602	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	675	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
603	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	676	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
604	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	677	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
605	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	678	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
606	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	679	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
607	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	680	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
608	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	681	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
609	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	682	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
610	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	683	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
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612	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	685	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
613	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	686	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
614	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	687	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
615	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	688	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
616	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	689	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App
617	18.2	0.2	24	1	US-10-165-038A-213	Sequence 213, App	690	18.2	0.2	18	1	US-09-776-479-913	Sequence 913, App

C 691	18	0.2	18	1	US-10-360-854-11	Sequence 11, Appl	764	17.2	0.2	25	1	US-09-899-642-11	Sequence 11, Appl
C 692	18	0.2	18	1	US-10-735-592-1	Sequence 1, Appl	C 765	17.2	0.2	25	1	US-09-940-185-4598	Sequence 4598, Ap
C 693	18	0.2	18	1	US-10-628-525-30	Sequence 30, Appl	766	17.2	0.2	25	1	US-10-098-263B-7610	Sequence 7610, Ap
C 694	18	0.2	19	1	US-09-917-138-2	Sequence 2, Appl	767	17.2	0.2	25	1	US-10-098-263B-19557	Sequence 19557, A
C 695	18	0.2	19	1	US-09-966-292A-54	Sequence 54, Appl	C 768	17.2	0.2	25	1	US-10-098-263B-25223	Sequence 25223, A
C 696	18	0.2	19	1	US-09-996-292A-55	Sequence 55, Appl	769	17.2	0.2	25	1	US-10-098-263B-40510	Sequence 40510, A
C 697	18	0.2	19	1	US-10-096-221-3	Sequence 3, Appl	770	17.2	0.2	25	1	US-10-098-263B-50839	Sequence 50839, A
C 698	18	0.2	19	1	US-10-100-321-22	Sequence 22, Appl	771	17.2	0.2	25	1	US-10-098-263B-51339	Sequence 51339, A
C 699	18	0.2	19	1	US-10-013-295-54	Sequence 54, Appl	C 772	17.2	0.2	25	1	US-10-098-263B-55787	Sequence 55787, A
C 700	18	0.2	19	1	US-10-013-295-55	Sequence 55, Appl	C 773	17.2	0.2	25	1	US-10-098-263B-106278	Sequence 106278, A
C 701	18	0.2	26	1	US-09-444-388-1	Sequence 1, Appl	C 774	17.2	0.2	25	1	US-10-098-263B-113932	Sequence 113932, A
C 702	18	0.2	27	1	US-09-263-689-50	Sequence 50, Appl	775	17.2	0.2	25	1	US-10-098-263B-124457	Sequence 124457, A
C 703	18	0.2	27	1	US-09-951-121A-13	Sequence 13, Appl	776	17.2	0.2	25	1	US-10-060-998-2199	Sequence 2199, Ap
C 704	18	0.2	27	1	US-10-235-674-50	Sequence 50, Appl	777	17.2	0.2	25	1	US-10-060-998-2200	Sequence 2200, Ap
C 705	18	0.2	27	1	US-10-295-682-13	Sequence 13, Appl	778	17.2	0.2	25	1	US-10-060-998-2201	Sequence 2201, Ap
C 706	18	0.2	27	1	US-10-418-182-175	Sequence 15, App	779	17.2	0.2	25	1	US-10-060-998-2202	Sequence 2202, Ap
C 707	18	0.2	27	1	US-10-418-182-175	Sequence 15, App	C 780	17.2	0.2	25	1	US-10-438-729-165	Sequence 165, App
C 708	17.8	0.2	27	1	US-10-418-182-414	Sequence 414, App	781	17.2	0.2	25	1	US-10-435-696-231	Sequence 231, App
C 709	17.8	0.2	21	1	US-10-380-195A-15	Sequence 15, Appl	C 782	17.2	0.2	25	1	US-10-717-597-4525	Sequence 4525, Ap
C 710	17.8	0.2	22	1	US-10-349-143-9116	Sequence 9116, Ap	C 783	17.2	0.2	25	1	US-10-723-361-13906	Sequence 13906, A
C 711	17.8	0.2	22	1	US-09-776-479-61	Sequence 61, Appl	C 784	17.2	0.2	30	1	US-09-891-517-11	Sequence 11, Appl
C 712	17.8	0.2	22	1	US-10-314-578-61	Sequence 61, Appl	C 785	17.2	0.2	30	1	US-09-891-517-13	Sequence 13, Appl
C 713	17.8	0.2	22	1	US-10-112-653-55	Sequence 55, Appl	C 786	17.2	0.2	30	1	US-10-683-386-11	Sequence 11, Appl
C 714	17.8	0.2	22	1	US-10-017-995-61	Sequence 61, Appl	C 787	17.2	0.2	30	1	US-10-683-386-13	Sequence 13, Appl
C 715	17.8	0.2	22	1	US-10-106-749-3	Sequence 3, Appl	C 788	17.2	0.2	30	1	US-10-209-608-11	Sequence 11, Appl
C 716	17.8	0.2	22	1	US-10-429-555-15	Sequence 15, Appl	C 789	17.2	0.2	30	1	US-10-209-608-13	Sequence 13, Appl
C 717	17.8	0.2	25	1	US-09-866-108-13911	Sequence 13911, A	C 790	17.2	0.2	17	1	US-09-843-676-132	Sequence 132, App
C 718	17.8	0.2	25	1	US-09-866-108-13912	Sequence 13912, A	791	17	0.2	17	1	US-09-766-253-132	Sequence 132, App
C 719	17.8	0.2	25	1	US-09-776-479-943	Sequence 943, App	C 792	17	0.2	17	1	US-09-438-486-132	Sequence 132, App
C 720	17.8	0.2	25	1	US-09-776-479-943	Sequence 943, App	C 793	17	0.2	17	1	US-10-208-357-23	Sequence 23, Appl
C 721	17.8	0.2	25	1	US-10-314-578-943	Sequence 943, App	C 794	17	0.2	17	1	US-10-053-758-132	Sequence 132, App
C 722	17.8	0.2	25	1	US-10-112-653-911	Sequence 911, App	795	17	0.2	17	1	US-10-054-295-132	Sequence 132, App
C 723	17.8	0.2	25	1	US-10-017-995-943	Sequence 943, App	796	17	0.2	17	1	US-10-117-267-5	Sequence 5, Appl
C 724	17.8	0.2	25	1	US-10-098-263B-80656	Sequence 80656, App	797	17	0.2	17	1	US-10-054-611-132	Sequence 132, App
C 725	17.8	0.2	25	1	US-10-723-361-13911	Sequence 13911, A	798	17	0.2	17	1	US-10-138-674-1073	Sequence 1073, App
C 726	17.8	0.2	25	1	US-10-723-361-13912	Sequence 8, Appl	C 799	17	0.2	17	1	US-10-138-674-1074	Sequence 1074, Ap
C 727	17.8	0.2	32	1	US-10-108-969-8	Sequence 8, Appl	C 800	17	0.2	17	1	US-10-324-409B-16	Sequence 16, Appl
C 728	17.6	0.2	24	1	US-10-309-775A-20	Sequence 20, Appl	801	17	0.2	17	1	US-10-287-949A-1073	Sequence 1073, Ap
C 729	17.6	0.2	24	1	US-10-655-751-36	Sequence 36, Appl	802	17	0.2	17	1	US-10-287-949A-1074	Sequence 1074, Ap
C 730	17.6	0.2	25	1	US-09-838-386-22	Sequence 22, Appl	803	17	0.2	17	1	US-10-735-592-8	Sequence 8, Appl
C 731	17.6	0.2	25	1	US-10-098-263B-96623	Sequence 96623, A	804	17	0.2	17	1	US-10-735-592-49	Sequence 49, Appl
C 732	17.6	0.2	25	1	US-10-098-263B-113847	Sequence 113847, A	805	17	0.2	18	1	US-09-994-311-5	Sequence 5, Appl
C 733	17.6	0.2	25	1	US-10-098-263B-124486	Sequence 124486, A	C 806	17	0.2	20	1	US-10-289-762-3717	Sequence 3717, Ap
C 734	17.6	0.2	25	1	US-10-098-263B-130464	Sequence 130464, A	C 807	17	0.2	23	1	US-09-813-289-21	Sequence 21, Appl
C 735	17.6	0.2	25	1	US-10-273-762-13	Sequence 13, Appl	808	17	0.2	23	1	US-10-655-579-50	Sequence 50, Appl
C 736	17.6	0.2	25	1	US-10-717-597-3552	Sequence 3552, Ap	809	17	0.2	25	1	US-09-866-108-5289	Sequence 5289, Ap
C 737	17.6	0.2	25	1	US-10-717-597-4270	Sequence 4270, Ap	810	17	0.2	25	1	US-09-866-108-5296	Sequence 5296, Ap
C 738	17.6	0.2	25	1	US-10-775-169-2736	Sequence 2736, Ap	811	17	0.2	25	1	US-09-866-108-12697	Sequence 12697, A
C 739	17.6	0.2	25	1	US-10-775-169-4680	Sequence 4680, Ap	812	17	0.2	25	1	US-09-866-108-12697	Sequence 12697, A
C 740	17.6	0.2	26	1	US-09-975-456B-4	Sequence 4, Appl	C 813	17	0.2	25	1	US-09-866-108-13467	Sequence 13467, A
C 741	17.6	0.2	28	1	US-10-309-775A-74	Sequence 74, Appl	814	17	0.2	25	1	US-10-149-553-30	Sequence 30, Appl
C 742	17.4	0.2	19	1	US-09-263-959-793	Sequence 73, App	C 815	17	0.2	25	1	US-10-215-112-2915	Sequence 2805, Ap
C 743	17.4	0.2	20	1	US-09-563-728A-7	Sequence 7, Appl	C 816	17	0.2	25	1	US-10-098-263B-6431	Sequence 2931, Ap
C 744	17.4	0.2	20	1	US-09-563-728A-16	Sequence 16, Appl	C 817	17	0.2	25	1	US-10-098-263B-13525	Sequence 6431, Ap
C 745	17.4	0.2	20	1	US-09-754-106-56	Sequence 56, Appl	C 818	17	0.2	25	1	US-10-098-263B-13525	Sequence 13525, A
C 746	17.4	0.2	20	1	US-10-145-493B-52	Sequence 52, Appl	C 819	17	0.2	25	1	US-10-098-263B-6192	Sequence 61932, A
C 747	17.4	0.2	20	1	US-10-315-962-67	Sequence 67, Appl	C 820	17	0.2	25	1	US-10-098-263B-74650	Sequence 74650, A
C 748	17.4	0.2	20	1	US-10-671-395-616	Sequence 616, App	C 821	17	0.2	25	1	US-10-098-263B-74650	Sequence 74650, A
C 749	17.4	0.2	20	1	US-10-728-999-141	Sequence 141, App	C 822	17	0.2	25	1	US-10-098-263B-96776	Sequence 96776, A
C 750	17.4	0.2	25	1	US-10-098-263B-120259	Sequence 120259, A	C 823	17	0.2	25	1	US-10-098-263B-99536	Sequence 99536, A
C 751	17.4	0.2	25	1	US-10-717-597-7276	Sequence 2726, Ap	C 824	17	0.2	25	1	US-10-098-263B-115523	Sequence 115523, A
C 752	17.4	0.2	25	1	US-10-775-169-4640	Sequence 4640, Ap	C 825	17	0.2	25	1	US-10-098-263B-131013	Sequence 131013, A
C 753	17.2	0.2	22	1	US-09-978-522-34	Sequence 34, Appl	C 826	17	0.2	25	1	US-10-098-263B-111014	Sequence 131014, A
C 754	17.2	0.2	22	1	US-09-978-522-39	Sequence 39, Appl	827	17	0.2	25	1	US-10-061-201-2277	Sequence 2277, Ap
C 755	17.2	0.2	22	1	US-10-629-951-7	Sequence 7, Appl	828	17	0.2	25	1	US-10-621-758A-50	Sequence 50, Appl
C 756	17.2	0.2	23	1	US-10-128-456-20	Sequence 20, Appl	C 829	17	0.2	25	1	US-10-717-597-4285	Sequence 4285, Ap
C 757	17.2	0.2	23	1	US-10-177-308-24	Sequence 24, Appl	830	17	0.2	25	1	US-10-663-208A-50	Sequence 50, Appl
C 758	17.2	0.2	24	1	US-10-309-775A-21	Sequence 21, Appl	C 831	17	0.2	25	1	US-10-646-301A-50	Sequence 50, Appl
C 759	17.2	0.2	24	1	US-10-025-145A-100	Sequence 100, App	C 832	17	0.2	25	1	US-10-723-361-5298	Sequence 5298, App
C 760	17.2	0.2	24	1	US-10-025-145A-101	Sequence 101, App	833	17	0.2	25	1	US-10-723-361-5299	Sequence 5299, Ap
C 761	17.2	0.2	24	1	US-10-198-447A-21	Sequence 21, Appl	834	17	0.2	25	1	US-10-723-361-12696	Sequence 12696, A
C 762	17.2	0.2	25	1	US-09-866-108-13906	Sequence 13906, A	835	17	0.2	25	1	US-10-723-361-12697	Sequence 12697, A
C 763	17.2	0.2	25	1	US-09-853-830-166	Sequence 166, App	836	17	0.2	25	1	US-10-723-361-12697	Sequence 12697, A

C 837	17	0.2	25	1	US-10-723-361-13467	C 910	16.6	0.2	25	1	US-09-866-108-4407	Sequence 4407, Ap
C 838	17	0.2	25	1	US-10-736-769-50	C 911	16.6	0.2	25	1	US-09-866-108-4408	Sequence 4408, Ap
C 839	17	0.2	25	1	US-10-775-169-3060	C 912	16.6	0.2	25	1	US-09-866-108-4409	Sequence 4409, Ap
C 840	17	0.2	25	1	US-10-775-169-4185	C 913	16.6	0.2	25	1	US-09-866-108-4410	Sequence 4410, Ap
C 841	17	0.2	26	1	US-09-935-247-10	C 914	16.6	0.2	25	1	US-09-866-108-4411	Sequence 4411, Ap
C 842	17	0.2	26	1	US-09-563-728A-2	C 915	16.6	0.2	25	1	US-09-866-108-4412	Sequence 4412, Ap
C 843	17	0.2	26	1	US-09-563-728A-3	C 916	16.6	0.2	25	1	US-09-866-108-4413	Sequence 4413, Ap
C 844	17	0.2	26	1	US-09-563-728A-11	C 917	16.6	0.2	25	1	US-09-866-108-4414	Sequence 4414, Ap
C 845	17	0.2	26	1	US-09-563-728A-12	C 918	16.6	0.2	25	1	US-09-866-108-4415	Sequence 4415, Ap
C 846	17	0.2	26	1	US-10-085-906-3	C 919	16.6	0.2	25	1	US-10-060-756A-3679	Sequence 3679, Ap
C 847	17	0.2	26	1	US-10-085-906-14	C 920	16.6	0.2	25	1	US-10-060-756A-3680	Sequence 3680, Ap
C 848	17	0.2	26	1	US-10-145-493B-82	C 921	16.6	0.2	25	1	US-10-215-112-13497	Sequence 13497, Ap
C 849	17	0.2	26	1	US-10-145-493B-83	C 922	16.6	0.2	25	1	US-10-098-263B-12062	Sequence 12062, A
C 850	17	0.2	26	1	US-10-353-461-12	C 923	16.6	0.2	25	1	US-10-098-263B-38942	Sequence 38942, A
C 851	17	0.2	30	1	US-09-891-517-10	C 924	16.6	0.2	25	1	US-10-098-263B-41771	Sequence 41771, A
C 852	17	0.2	30	1	US-09-891-517-12	C 925	16.6	0.2	25	1	US-10-098-263B-43190	Sequence 43190, A
C 853	17	0.2	30	1	US-10-683-386-10	C 926	16.6	0.2	25	1	US-10-098-263B-44071	Sequence 44071, A
C 854	17	0.2	30	1	US-10-683-386-12	C 927	16.6	0.2	25	1	US-10-098-263B-50707	Sequence 50707, A
C 855	17	0.2	30	1	US-10-209-608-10	C 928	16.6	0.2	25	1	US-10-098-263B-65555	Sequence 65555, A
C 856	17	0.2	30	1	US-10-209-608-12	C 929	16.6	0.2	25	1	US-10-098-263B-68759	Sequence 68759, A
C 857	17	0.2	30	1	US-10-219-195-34	C 930	16.6	0.2	25	1	US-10-098-263B-70479	Sequence 70479, A
C 858	17	0.2	20	1	US-09-861-893-15	C 931	16.6	0.2	25	1	US-10-098-263B-80455	Sequence 80455, A
C 859	16.8	0.2	20	1	US-09-263-959-849	C 932	16.6	0.2	25	1	US-10-098-263B-83509	Sequence 83509, A
C 860	16.8	0.2	20	1	US-09-948-002-35	C 933	16.6	0.2	25	1	US-10-098-263B-85456	Sequence 85456, A
C 861	16.8	0.2	20	1	US-09-967-663-61	C 934	16.6	0.2	25	1	US-10-098-263B-92448	Sequence 92448, A
C 862	16.8	0.2	20	1	US-10-633-163-35	C 935	16.6	0.2	25	1	US-10-098-263B-103195	Sequence 103195, A
C 863	16.8	0.2	20	1	US-10-032-585-4518	C 936	16.6	0.2	25	1	US-10-098-263B-120799	Sequence 120799, A
C 864	16.8	0.2	20	1	US-10-104-047-4082	C 937	16.6	0.2	25	1	US-10-061-201-3338	Sequence 3337, Ap
C 865	16.8	0.2	20	1	US-10-688-706-1916	C 938	16.6	0.2	25	1	US-10-061-201-3337	Sequence 3338, Ap
C 866	16.8	0.2	20	1	US-10-688-706-2451	C 939	16.6	0.2	25	1	US-10-061-201-3337	Sequence 3339, Ap
C 867	16.8	0.2	21	1	US-09-912-609-122	C 940	16.6	0.2	25	1	US-10-061-201-3338	Sequence 3339, Ap
C 868	16.8	0.2	21	1	US-10-418-182-132	C 941	16.6	0.2	25	1	US-10-061-201-3338	Sequence 3339, Ap
C 869	16.8	0.2	22	1	US-09-952-464A-10	C 942	16.6	0.2	25	1	US-10-717-557-765	Sequence 765, Ap
C 870	16.8	0.2	23	1	US-09-898-200-17	C 943	16.6	0.2	25	1	US-10-717-557-765	Sequence 765, Ap
C 871	16.8	0.2	23	1	US-10-030-132-7	C 944	16.6	0.2	25	1	US-10-717-557-765	Sequence 765, Ap
C 872	16.8	0.2	24	1	US-10-309-775A-10	C 945	16.6	0.2	25	1	US-10-723-361-3233	Sequence 3233, Ap
C 873	16.8	0.2	24	1	US-10-309-775A-22	C 946	16.6	0.2	25	1	US-10-723-361-3233	Sequence 3233, Ap
C 874	16.8	0.2	25	1	US-09-866-108-13913	C 947	16.6	0.2	25	1	US-10-723-361-3233	Sequence 3233, Ap
C 875	16.8	0.2	25	1	US-09-839-894-23	C 948	16.6	0.2	25	1	US-10-723-361-4407	Sequence 4407, Ap
C 876	16.8	0.2	25	1	US-10-176-055-8	C 949	16.6	0.2	25	1	US-10-723-361-4409	Sequence 4409, Ap
C 877	16.8	0.2	25	1	US-10-215-112-5023	C 950	16.6	0.2	25	1	US-10-723-361-5201	Sequence 5201, Ap
C 878	16.8	0.2	25	1	US-10-215-112-5145	C 951	16.6	0.2	25	1	US-10-723-361-5202	Sequence 5202, Ap
C 879	16.8	0.2	25	1	US-10-098-263B-19403	C 952	16.6	0.2	25	1	US-10-723-361-5203	Sequence 5203, Ap
C 880	16.8	0.2	25	1	US-10-098-263B-24333	C 953	16.6	0.2	25	1	US-10-723-361-12694	Sequence 12694, A
C 881	16.8	0.2	25	1	US-10-098-263B-46324	C 954	16.6	0.2	25	1	US-10-723-361-12695	Sequence 12695, A
C 882	16.8	0.2	25	1	US-10-098-263B-49701	C 955	16.6	0.2	25	1	US-10-723-361-12695	Sequence 12695, A
C 883	16.8	0.2	25	1	US-10-098-263B-58341	C 956	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 884	16.8	0.2	25	1	US-10-098-263B-108052	C 957	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 885	16.8	0.2	25	1	US-10-374-686-1	C 958	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 886	16.8	0.2	25	1	US-10-374-686-6	C 959	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 887	16.8	0.2	25	1	US-10-717-597-1361	C 960	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 888	16.8	0.2	25	1	US-10-717-597-1361	C 961	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 889	16.8	0.2	25	1	US-10-723-361-13913	C 962	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 890	16.8	0.2	25	1	US-10-775-169-1117	C 963	16.6	0.2	25	1	US-10-775-169-715	Sequence 715, Ap
C 891	16.8	0.2	30	1	US-09-880-727-10	C 964	16.6	0.2	25	1	US-10-054-387-48	Sequence 48, Ap
C 892	16.8	0.2	30	1	US-10-314-578-1094	C 965	16.6	0.2	25	1	US-10-333-461-18	Sequence 18, Ap
C 893	16.8	0.2	30	1	US-10-314-578-1095	C 966	16.6	0.2	25	1	US-10-333-461-18	Sequence 18, Ap
C 894	16.8	0.2	30	1	US-10-042-193A-1	C 967	16.6	0.2	25	1	US-10-352-253A-18	Sequence 18, Ap
C 895	16.8	0.2	30	1	US-10-042-193A-2	C 968	16.6	0.2	25	1	US-10-352-253A-18	Sequence 18, Ap
C 896	16.8	0.2	30	1	US-10-380-584-115	C 969	16.6	0.2	25	1	US-10-436-231-6	Sequence 6, Ap
C 897	16.8	0.2	30	1	US-10-472-055-2	C 970	16.6	0.2	25	1	US-10-436-231-6	Sequence 6, Ap
C 898	16.8	0.2	32	1	US-10-371-600-9	C 971	16.6	0.2	25	1	US-10-665-951-426	Sequence 426, Ap
C 899	16.8	0.2	32	1	US-10-371-600-9	C 972	16.6	0.2	25	1	US-10-665-951-426	Sequence 426, Ap
C 900	16.8	0.2	36	1	US-10-418-182-55	C 973	16.6	0.2	25	1	US-10-188-404-49	Sequence 49, Ap
C 901	16.6	0.2	23	1	US-09-949-427-93	C 974	16.6	0.2	20	1	US-10-164-915-1	Sequence 1, Ap
C 902	16.6	0.2	23	1	US-09-949-428-93	C 975	16.6	0.2	20	1	US-10-374-686-2	Sequence 2, Ap
C 903	16.6	0.2	24	1	US-10-100-082-5	C 976	16.6	0.2	20	1	US-10-671-395-990	Sequence 990, Ap
C 904	16.6	0.2	24	1	US-10-309-775A-4	C 977	16.6	0.2	20	1	US-10-728-399-199	Sequence 199, Ap
C 905	16.6	0.2	24	1	US-10-670-015-1	C 978	16.6	0.2	21	1	US-10-374-686-3	Sequence 3, Ap
C 906	16.6	0.2	24	1	US-10-670-015-1	C 979	16.6	0.2	22	1	US-10-099-332-209	Sequence 209, Ap
C 907	16.6	0.2	25	1	US-09-866-108-3233	C 980	16.6	0.2	22	1	US-10-044-564-209	Sequence 209, Ap
C 908	16.6	0.2	25	1	US-09-866-108-3234	C 981	16.6	0.2	22	1	US-10-679-064-37	Sequence 37, Ap
C 909	16.6	0.2	25	1	US-09-866-108-3235	C 982	16.6	0.2	23	1	US-10-027-632-52619	Sequence 52619, A

C 983	16.4	0.2	23	1	US-10-027-632-52619	Sequence 52619, A	1056	16	0.2	16	1	US-10-227-001-21	Sequence 21, Appl
C 984	16.4	0.2	23	1	US-10-027-632-52637	Sequence 52637, A	1057	16	0.2	16	1	US-10-008-029-70	Sequence 70, Appl
C 985	16.4	0.2	23	1	US-10-027-632-52637	Sequence 52637, A	1058	16	0.2	16	1	US-10-051-436-9	Sequence 9, Appl
C 986	16.4	0.2	23	1	US-10-027-632-52635	Sequence 52635, A	1059	16	0.2	16	1	US-10-208-650-70	Sequence 70, Appl
C 987	16.4	0.2	23	1	US-10-027-632-52655	Sequence 52655, A	1060	16	0.2	16	1	US-10-303-780-9	Sequence 9, Appl
C 988	16.4	0.2	24	1	US-10-075-225-74	Sequence 74, Appl	1061	16	0.2	16	1	US-10-360-275-9	Sequence 9, Appl
C 989	16.4	0.2	24	1	US-10-085-167-5	Sequence 5, Appl	1062	16	0.2	16	1	US-10-776-099-9	Sequence 9, Appl
C 990	16.4	0.2	25	1	US-10-098-263B-99111	Sequence 99111, A	1063	16	0.2	16	1	US-10-398-483-10	Sequence 10, Appl
C 991	16.4	0.2	25	1	US-10-215-432-23	Sequence 22, Appl	1064	16	0.2	17	1	US-09-788-363-3	Sequence 3, Appl
C 992	16.4	0.2	39	1	US-10-219-195-38	Sequence 38, Appl	1065	16	0.2	17	1	US-09-090-637B-106	Sequence 106, App
C 993	16.2	0.2	18	1	US-09-981-397A-1	Sequence 1, Appl	1066	16	0.2	17	1	US-09-788-338-3	Sequence 3, Appl
C 994	16.2	0.2	19	1	US-10-103-614A-4	Sequence 4, Appl	1067	16	0.2	17	1	US-09-730-559B-108	Sequence 108, App
C 995	16.2	0.2	21	1	US-09-140-719-20	Sequence 20, Appl	1068	16	0.2	17	1	US-10-380-254-5	Sequence 5, Appl
C 996	16.2	0.2	21	1	US-09-828-034-10	Sequence 10, Appl	1069	16	0.2	17	1	US-10-398-885A-4	Sequence 4, Appl
C 997	16.2	0.2	21	1	US-09-920-552-118	Sequence 118, App	1070	16	0.2	17	1	US-10-398-877-20	Sequence 20, Appl
C 998	16.2	0.2	21	1	US-10-091-442-20	Sequence 20, Appl	1071	16	0.2	17	1	US-10-291-808-64	Sequence 64, Appl
C 999	16.2	0.2	21	1	US-10-303-109A-31	Sequence 31, Appl	1072	16	0.2	17	1	US-10-333-461-24	Sequence 24, Appl
C1000	16.2	0.2	21	1	US-10-418-182-97	Sequence 97, Appl	1073	16	0.2	17	1	US-10-352-253A-24	Sequence 24, Appl
C1001	16.2	0.2	21	1	US-10-418-182-122	Sequence 122, App	1074	16	0.2	17	1	US-10-220-373-9	Sequence 9, Appl
C1002	16.2	0.2	21	1	US-10-418-182-305	Sequence 305, App	1075	16	0.2	17	1	US-10-352-255A-24	Sequence 24, Appl
C1003	16.2	0.2	21	1	US-10-349-143-11535	Sequence 11535, A	1076	16	0.2	17	1	US-10-380-255-8	Sequence 8, Appl
C1004	16.2	0.2	22	1	US-09-828-366-22	Sequence 22, Appl	1077	16	0.2	17	1	US-10-138-674-1072	Sequence 1072, Ap
C1005	16.2	0.2	22	1	US-09-263-959-808	Sequence 808, App	1078	16	0.2	17	1	US-10-138-674-1075	Sequence 1075, Ap
C1006	16.2	0.2	22	1	US-10-222-945-4	Sequence 4, Appl	1079	16	0.2	17	1	US-10-287-949A-1072	Sequence 1072, Ap
C1007	16.2	0.2	22	1	US-10-391-249-31	Sequence 31, Appl	1080	16	0.2	17	1	US-10-287-949A-1075	Sequence 1075, Ap
C1008	16.2	0.2	22	1	US-10-723-940-43	Sequence 43, Appl	1081	16	0.2	17	1	US-10-239-734-5	Sequence 5, Appl
C1009	16.2	0.2	24	1	US-09-824-468-61	Sequence 61, Appl	1082	16	0.2	17	1	US-10-735-592-55	Sequence 55, Appl
C1010	16.2	0.2	24	1	US-09-855-797A-48	Sequence 48, Appl	1083	16	0.2	18	1	US-09-994-311-7	Sequence 7, Appl
C1011	16.2	0.2	24	1	US-09-800-266A-52	Sequence 52, Appl	C1084	16	0.2	18	1	US-10-349-143-4670	Sequence 4670, Ap
C1012	16.2	0.2	24	1	US-09-895-007A-52	Sequence 52, Appl	C1085	16	0.2	19	1	US-10-352-179-50	Sequence 50, Appl
C1013	16.2	0.2	24	1	US-09-907-900-48	Sequence 48, Appl	1086	16	0.2	20	1	US-10-275-080A-5	Sequence 5, Appl
C1014	16.2	0.2	24	1	US-09-907-719-48	Sequence 48, Appl	1087	16	0.2	20	1	US-10-275-080A-6	Sequence 6, Appl
C1015	16.2	0.2	24	1	US-09-920-313-52	Sequence 35, Appl	1088	16	0.2	20	1	US-10-289-762-4311	Sequence 4311, Ap
C1016	16.2	0.2	24	1	US-09-888-326-35	Sequence 35, Appl	1089	16	0.2	20	1	US-10-688-706-2066	Sequence 2066, Ap
C1017	16.2	0.2	24	1	US-09-776-479-19	Sequence 19, Appl	1090	16	0.2	20	1	US-10-688-706-2110	Sequence 2110, Ap
C1018	16.2	0.2	24	1	US-09-746-479-19	Sequence 19, Appl	1091	16	0.2	20	1	US-10-688-706-2269	Sequence 2269, Ap
C1019	16.2	0.2	24	1	US-09-940-185-631	Sequence 631, App	1092	16	0.2	20	1	US-10-688-706-2467	Sequence 2467, Ap
C1020	16.2	0.2	24	1	US-09-954-987B-23	Sequence 23, Appl	1093	16	0.2	21	1	US-10-332-406A-9	Sequence 9, Appl
C1021	16.2	0.2	24	1	US-09-985-448-48	Sequence 48, Appl	C1094	16	0.2	24	1	US-09-784-423-92	Sequence 92, Appl
C1022	16.2	0.2	24	1	US-10-373-381-48	Sequence 48, Appl	C1095	16	0.2	24	1	US-09-828-034-12	Sequence 12, Appl
C1023	16.2	0.2	24	1	US-10-680-316-48	Sequence 48, Appl	1096	16	0.2	24	1	US-09-999-677-6	Sequence 6, Appl
C1024	16.2	0.2	24	1	US-10-314-578-19	Sequence 19, Appl	C1097	16	0.2	24	1	US-10-040-863-6	Sequence 6, Appl
C1025	16.2	0.2	24	1	US-10-434-696-52	Sequence 52, Appl	1098	16	0.2	24	1	US-10-040-863-6	Sequence 6, Appl
C1026	16.2	0.2	24	1	US-10-023-909A-52	Sequence 52, Appl	1099	16	0.2	24	1	US-10-085-906-382	Sequence 382, App
C1027	16.2	0.2	24	1	US-10-112-653-19	Sequence 19, Appl	C1100	16	0.2	24	1	US-10-205-522-82	Sequence 82, Appl
C1028	16.2	0.2	24	1	US-10-017-995-19	Sequence 19, Appl	C1101	16	0.2	24	1	US-10-057-833A-41	Sequence 41, Appl
C1029	16.2	0.2	24	1	US-10-300-247-52	Sequence 52, Appl	C1102	16	0.2	24	1	US-10-084-833-353	Sequence 353, Ap
C1030	16.2	0.2	24	1	US-10-161-229-55	Sequence 55, Appl	1103	16	0.2	24	1	US-10-309-775A-23	Sequence 23, Appl
C1031	16.2	0.2	24	1	US-10-187-264A-61	Sequence 61, Appl	1104	16	0.2	24	1	US-10-309-775A-24	Sequence 24, Appl
C1032	16.2	0.2	24	1	US-10-265-072-40	Sequence 40, Appl	1105	16	0.2	24	1	US-10-665-460A-30	Sequence 30, Appl
C1033	16.2	0.2	24	1	US-10-300-892-48	Sequence 48, Appl	1106	16	0.2	24	1	US-09-883-119A-34	Sequence 34, Appl
C1034	16.2	0.2	24	1	US-10-306-522-61	Sequence 61, Appl	1107	16	0.2	32	1	US-10-447-073-3	Sequence 3, Appl
C1035	16.2	0.2	24	1	US-10-309-775A-25	Sequence 25, Appl	C1108	15.8	0.2	19	1	US-10-349-143-5276	Sequence 5276, App
C1036	16.2	0.2	24	1	US-10-719-493-61	Sequence 61, Appl	1109	15.8	0.2	19	1	US-10-665-951-122	Sequence 122, App
C1037	16.2	0.2	24	1	US-10-627-331-61	Sequence 61, Appl	C1110	15.8	0.2	19	1	US-10-665-951-549	Sequence 549, App
C1038	16.2	0.2	24	1	US-10-666-733-52	Sequence 52, Appl	1111	15.8	0.2	20	1	US-09-969-852-11	Sequence 11, Appl
C1039	16.2	0.2	24	1	US-10-815-730-48	Sequence 48, Appl	C1112	15.8	0.2	20	1	US-09-955-410-5	Sequence 5, Appl
C1040	16.2	0.2	24	1	US-10-820-133-48	Sequence 48, Appl	1113	15.8	0.2	20	1	US-09-774-809-14	Sequence 14, Appl
C1041	16.2	0.2	31	1	US-09-971-353-24	Sequence 24, Appl	1114	15.8	0.2	20	1	US-09-904-968A-108	Sequence 108, App
C1042	16.2	0.2	39	1	US-09-984-429-652	Sequence 652, App	1115	15.8	0.2	20	1	US-09-888-326-410	Sequence 410, App
C1043	16	0.2	16	1	US-09-739-928-2	Sequence 2, Appl	1116	15.8	0.2	20	1	US-09-776-479-243	Sequence 243, App
C1044	16	0.2	16	1	US-09-152-059-70	Sequence 70, Appl	1117	15.8	0.2	20	1	US-09-776-479-243	Sequence 243, App
C1045	16	0.2	16	1	US-09-263-959-449	Sequence 449, App	1118	15.8	0.2	20	1	US-09-965-101-57	Sequence 57, App
C1046	16	0.2	16	1	US-09-805-286D-9	Sequence 9, Appl	1119	15.8	0.2	20	1	US-10-345-444B-14	Sequence 14, Appl
C1047	16	0.2	16	1	US-09-843-676-131	Sequence 131, App	C1120	15.8	0.2	20	1	US-10-380-126-39	Sequence 39, Appl
C1048	16	0.2	16	1	US-09-766-253-131	Sequence 131, App	1121	15.8	0.2	20	1	US-10-312-184-21	Sequence 21, Appl
C1049	16	0.2	16	1	US-09-438-486-131	Sequence 9, Appl	1122	15.8	0.2	20	1	US-10-275-080A-7	Sequence 7, Appl
C1050	16	0.2	16	1	US-09-895-585-9	Sequence 22, Appl	C1123	15.8	0.2	20	1	US-10-683-386-35	Sequence 35, Appl
C1051	16	0.2	16	1	US-10-208-357-22	Sequence 22, Appl	1124	15.8	0.2	20	1	US-10-105-021-3	Sequence 3, Appl
C1052	16	0.2	16	1	US-10-053-758-131	Sequence 131, App	1125	15.8	0.2	20	1	US-10-314-578-243	Sequence 243, App
C1053	16	0.2	16	1	US-10-054-295-131	Sequence 131, App	C1126	15.8	0.2	20	1	US-10-040-430-59	Sequence 59, App
C1054	16	0.2	16	1	US-10-054-611-131	Sequence 9, Appl	1127	15.8	0.2	20	1	US-10-112-653-235	Sequence 235, App
C1055	16	0.2	16	1	US-10-072-975-9	Sequence 9, Appl	1128	15.8	0.2	20	1	US-10-017-995-243	Sequence 243, App

c1129	15.8	0.2	20	1	US-10-209-608-35	Sequence 35, App1	c1202	15.8	0.2	21	1	US-10-015-715A-105	Sequence 105, App
c1130	15.8	0.2	20	1	US-10-083-246A-121	Sequence 121, App	c1203	15.8	0.2	21	1	US-10-012-237A-105	Sequence 105, App
c1131	15.8	0.2	20	1	US-10-154-890-5	Sequence 5, App1	c1204	15.8	0.2	21	1	US-10-013-906A-105	Sequence 105, App
c1132	15.8	0.2	20	1	US-10-032-585-4081	Sequence 4081, App	c1205	15.8	0.2	21	1	US-10-015-388A-105	Sequence 105, App
c1133	15.8	0.2	20	1	US-10-168-989-35	Sequence 35, App1	c1206	15.8	0.2	21	1	US-10-012-753A-105	Sequence 105, App
c1134	15.8	0.2	20	1	US-10-168-989-36	Sequence 36, App1	c1207	15.8	0.2	21	1	US-10-015-385A-105	Sequence 105, App
c1135	15.8	0.2	20	1	US-10-148-835-86	Sequence 86, App1	c1208	15.8	0.2	21	1	US-10-007-236A-105	Sequence 105, App
c1136	15.8	0.2	20	1	US-10-399-214-99	Sequence 99, App1	c1209	15.8	0.2	21	1	US-10-015-519A-105	Sequence 105, App
c1137	15.8	0.2	20	1	US-10-274-311-13	Sequence 13, App1	c1210	15.8	0.2	21	1	US-10-013-915A-105	Sequence 105, App
c1138	15.8	0.2	20	1	US-10-274-387-13	Sequence 13, App1	c1211	15.8	0.2	21	1	US-10-015-390A-105	Sequence 105, App
c1139	15.8	0.2	20	1	US-10-303-165-60	Sequence 60, App1	c1212	15.8	0.2	21	1	US-10-015-390A-105	Sequence 105, App
c1140	15.8	0.2	20	1	US-10-688-706-2293	Sequence 2293, App	c1213	15.8	0.2	21	1	US-10-006-746A-105	Sequence 746A, App
c1141	15.8	0.2	20	1	US-10-316-243-94	Sequence 94, App1	c1214	15.8	0.2	21	1	US-10-349-143-753	Sequence 953, App
c1142	15.8	0.2	20	1	US-10-316-243-165	Sequence 165, App1	c1215	15.8	0.2	21	1	US-10-349-143-953	Sequence 1031A, App
c1143	15.8	0.2	20	1	US-10-316-755-19	Sequence 19, App1	c1216	15.8	0.2	21	1	US-10-349-143-1031	Sequence 105, App
c1144	15.8	0.2	20	1	US-10-316-755-174	Sequence 174, App1	c1217	15.8	0.2	21	1	US-10-011-795A-105	Sequence 105, App
c1145	15.8	0.2	20	1	US-10-679-064-24	Sequence 24, App1	c1218	15.8	0.2	21	1	US-10-012-231A-105	Sequence 105, App
c1146	15.8	0.2	21	1	US-09-946-374-105	Sequence 105, App	c1219	15.8	0.2	21	1	US-10-647-566-6	Sequence 6, App1
c1147	15.8	0.2	21	1	US-10-015-395A-105	Sequence 105, App	c1220	15.8	0.2	21	1	US-10-470-000A-36	Sequence 36, App1
c1148	15.8	0.2	21	1	US-10-006-485A-105	Sequence 105, App	c1221	15.8	0.2	21	1	US-08-731-499-35	Sequence 35, App1
c1149	15.8	0.2	21	1	US-10-013-907A-105	Sequence 105, App	c1222	15.8	0.2	22	1	US-09-335-247-9	Sequence 9, App1
c1150	15.8	0.2	21	1	US-10-015-499A-105	Sequence 105, App	c1223	15.8	0.2	22	1	US-10-092-900A-742	Sequence 742, App
c1151	15.8	0.2	21	1	US-10-226-254A-105	Sequence 105, App	c1224	15.8	0.2	22	1	US-10-361-208-302	Sequence 302, App
c1152	15.8	0.2	21	1	US-10-006-856A-105	Sequence 105, App	c1225	15.8	0.2	22	1	US-10-361-208-344	Sequence 344, App
c1153	15.8	0.2	21	1	US-10-006-818A-105	Sequence 105, App	c1226	15.8	0.2	22	1	US-10-032-585-5105	Sequence 5105, App
c1154	15.8	0.2	21	1	US-10-015-393A-105	Sequence 105, App	c1227	15.8	0.2	23	1	US-10-291-886-1	Sequence 1, App1
c1155	15.8	0.2	21	1	US-10-015-869A-105	Sequence 105, App	c1228	15.8	0.2	23	1	US-10-627-553A-36	Sequence 36, App1
c1156	15.8	0.2	21	1	US-10-012-121A-105	Sequence 105, App	c1229	15.8	0.2	23	1	US-09-864-866-48	Sequence 9, App1
c1157	15.8	0.2	21	1	US-10-006-116A-105	Sequence 105, App	c1230	15.8	0.2	24	1	US-09-906-514-9	Sequence 945, App
c1158	15.8	0.2	21	1	US-10-006-117A-105	Sequence 105, App	c1231	15.8	0.2	24	1	US-09-776-479-945	Sequence 945, App
c1159	15.8	0.2	21	1	US-10-017-527A-105	Sequence 105, App	c1232	15.8	0.2	24	1	US-09-776-479-945	Sequence 945, App
c1160	15.8	0.2	21	1	US-10-013-913A-105	Sequence 105, App	c1233	15.8	0.2	24	1	US-10-380-533-50	Sequence 50, App1
c1161	15.8	0.2	21	1	US-10-007-194A-105	Sequence 105, App	c1234	15.8	0.2	24	1	US-10-380-533-57	Sequence 57, App1
c1162	15.8	0.2	21	1	US-10-013-430A-105	Sequence 105, App	c1235	15.8	0.2	24	1	US-10-314-578-945	Sequence 945, App
c1163	15.8	0.2	21	1	US-10-012-671A-105	Sequence 105, App	c1236	15.8	0.2	24	1	US-10-325-810-472	Sequence 472, App
c1164	15.8	0.2	21	1	US-10-012-755A-105	Sequence 105, App	c1237	15.8	0.2	24	1	US-10-112-653-913	Sequence 913, App
c1165	15.8	0.2	21	1	US-10-015-386A-105	Sequence 105, App	c1238	15.8	0.2	24	1	US-10-017-895-945	Sequence 945, App
c1166	15.8	0.2	21	1	US-10-011-692A-105	Sequence 105, App	c1239	15.8	0.2	24	1	US-10-158-160A-23	Sequence 239, App
c1167	15.8	0.2	21	1	US-10-005-956-743	Sequence 743, App	c1240	15.8	0.2	24	1	US-10-044-539-239	Sequence 239, App
c1168	15.8	0.2	21	1	US-10-005-956-744	Sequence 744, App	c1241	15.8	0.2	24	1	US-10-240-376A-126	Sequence 126, App
c1169	15.8	0.2	21	1	US-10-005-956-749	Sequence 749, App	c1242	15.8	0.2	24	1	US-08-888-326-842	Sequence 842, App
c1170	15.8	0.2	21	1	US-10-005-956-750	Sequence 750, App	c1243	15.8	0.2	27	1	US-09-776-479-911	Sequence 911, App
c1171	15.8	0.2	21	1	US-10-006-768A-105	Sequence 105, App	c1244	15.8	0.2	27	1	US-09-776-479-911	Sequence 911, App
c1172	15.8	0.2	21	1	US-10-017-610A-105	Sequence 105, App	c1245	15.8	0.2	27	1	US-10-314-578-911	Sequence 911, App
c1173	15.8	0.2	21	1	US-10-006-063A-105	Sequence 105, App	c1246	15.8	0.2	27	1	US-10-112-653-880	Sequence 880, App
c1174	15.8	0.2	21	1	US-10-020-063A-105	Sequence 105, App	c1247	15.8	0.2	27	1	US-10-017-995-911	Sequence 911, App
c1175	15.8	0.2	21	1	US-10-015-391A-105	Sequence 105, App	c1248	15.8	0.2	27	1	US-09-282-734-3	Sequence 3, App1
c1176	15.8	0.2	21	1	US-10-239-316-57	Sequence 57, App1	c1249	15.8	0.2	29	1	US-09-876-235-8	Sequence 8, App1
c1177	15.8	0.2	21	1	US-10-017-407A-105	Sequence 105, App	c1250	15.8	0.2	29	1	US-10-348-627-3	Sequence 3, App1
c1178	15.8	0.2	21	1	US-10-011-833A-105	Sequence 105, App	c1251	15.8	0.2	29	1	US-10-057-783A-41	Sequence 41, App1
c1179	15.8	0.2	21	1	US-10-006-041A-105	Sequence 105, App	c1252	15.8	0.2	29	1	US-10-447-073-4	Sequence 4, App1
c1180	15.8	0.2	21	1	US-10-015-892A-105	Sequence 105, App	c1253	15.8	0.2	31	1	US-10-301-764-17	Sequence 17, App1
c1181	15.8	0.2	21	1	US-10-015-387A-105	Sequence 105, App	c1254	15.8	0.2	30	1	US-10-217-914-4	Sequence 4, App1
c1182	15.8	0.2	21	1	US-10-006-130A-105	Sequence 105, App	c1255	15.8	0.2	30	1	US-09-891-517-9	Sequence 9, App1
c1183	15.8	0.2	21	1	US-10-006-172A-105	Sequence 105, App	c1256	15.8	0.2	30	1	US-10-693-386-9	Sequence 9, App1
c1184	15.8	0.2	21	1	US-10-017-253A-105	Sequence 105, App	c1257	15.8	0.2	30	1	US-10-209-008-9	Sequence 9, App1
c1185	15.8	0.2	21	1	US-10-015-392A-105	Sequence 105, App	c1258	15.8	0.2	31	1	US-10-194-138-15	Sequence 15, App1
c1186	15.8	0.2	21	1	US-10-017-306A-105	Sequence 105, App	c1259	15.8	0.2	32	1	US-10-447-073-4	Sequence 4, App1
c1187	15.8	0.2	21	1	US-10-017-867A-105	Sequence 105, App	c1260	15.8	0.2	32	1	US-10-611-629-3	Sequence 3, App1
c1188	15.8	0.2	21	1	US-10-012-064A-105	Sequence 105, App	c1261	15.8	0.2	32	1	US-10-309-788-10	Sequence 10, App1
c1189	15.8	0.2	21	1	US-10-012-752A-105	Sequence 105, App	c1262	15.8	0.2	32	1	US-10-228-306B-10	Sequence 10, App1
c1190	15.8	0.2	21	1	US-10-012-754A-105	Sequence 105, App	c1263	15.8	0.2	32	1	US-10-629-453-17	Sequence 17, App1
c1191	15.8	0.2	21	1	US-10-013-909A-105	Sequence 105, App	c1264	15.8	0.2	32	1	US-10-301-764-17	Sequence 17, App1
c1192	15.8	0.2	21	1	US-10-015-610A-105	Sequence 105, App	c1265	15.6	0.2	17	1	US-10-146-474-17	Sequence 17, App1
c1193	15.8	0.2	21	1	US-10-012-137A-105	Sequence 105, App	c1266	15.6	0.2	17	1	US-09-780-752-11	Sequence 11, App1
c1194	15.8	0.2	21	1	US-10-012-752A-105	Sequence 105, App	c1267	15.6	0.2	22	1	US-09-888-615-132	Sequence 132, App
c1195	15.8	0.2	21	1	US-10-012-754A-105	Sequence 105, App	c1268	15.6	0.2	22	1	US-09-998-936-1	Sequence 1, App1
c1196	15.8	0.2	21	1	US-10-013-910A-105	Sequence 105, App	c1269	15.6	0.2	22	1	US-09-973-788A-43	Sequence 43, App1
c1197	15.8	0.2	21	1	US-10-013-911A-105	Sequence 105, App	c1270	15.6	0.2	22	1	US-09-973-788A-43	Sequence 43, App1
c1198	15.8	0.2	21	1	US-10-013-912A-105	Sequence 105, App	c1271	15.6	0.2	22	1	US-09-973-788A-43	Sequence 43, App1
c1199	15.8	0.2	21	1	US-10-015-653A-105	Sequence 105, App	c1272	15.6	0.2	22	1	US-09-973-638A-46	Sequence 46, App1
c1200	15.8	0.2	21	1	US-10-012-101B-105	Sequence 105, App	c1273	15.6	0.2	22	1	US-09-974-007-43	Sequence 43, App1
c1201	15.8	0.2	21	1	US-10-015-480A-105	Sequence 105, App	c1274	15.6	0.2	22	1		

c1275	15.6	0.2	22	1	US-09-974-007-46	Sequence 46, App1	c1348	15.6	0.2	22	1	US-10-766-590-4	Sequence 4, App1
c1276	15.6	0.2	22	1	US-09-976-617A-43	Sequence 43, App1	1349	15.6	0.2	23	1	US-09-901-488A-461	Sequence 461, App
c1277	15.6	0.2	22	1	US-09-976-617A-46	Sequence 46, App1	1350	15.6	0.2	23	1	US-09-853-526-461	Sequence 461, App
c1278	15.6	0.2	22	1	US-09-961-949A-43	Sequence 43, App1	c1351	15.6	0.2	23	1	US-09-864-636A-4572	Sequence 2572, Ap
c1279	15.6	0.2	22	1	US-09-961-949A-46	Sequence 46, App1	1352	15.6	0.2	23	1	US-09-792-818-2304	Sequence 2204, Ap
c1280	15.6	0.2	22	1	US-09-263-959-614	Sequence 614, App	c1353	15.6	0.2	23	1	US-09-864-428A-3572	Sequence 2572, Ap
c1281	15.6	0.2	22	1	US-09-760-500A-43	Sequence 43, App1	c1354	15.6	0.2	23	1	US-10-399-877-5	Sequence 5, App1
c1282	15.6	0.2	22	1	US-09-760-500A-46	Sequence 46, App1	1355	15.6	0.2	23	1	US-10-384-491-136	Sequence 196, App
c1283	15.6	0.2	22	1	US-09-967-409A-43	Sequence 43, App1	c1356	15.6	0.2	23	1	US-10-084-833-2572	Sequence 2572, Ap
c1284	15.6	0.2	22	1	US-09-967-409A-46	Sequence 46, App1	c1357	15.6	0.2	23	1	US-10-297-068-431	Sequence 431, App
c1285	15.6	0.2	22	1	US-09-975-062A-43	Sequence 43, App1	c1358	15.6	0.2	23	1	US-10-297-068-437	Sequence 437, App
c1286	15.6	0.2	22	1	US-09-975-062A-46	Sequence 46, App1	1359	15.6	0.2	23	1	US-10-361-006-2	Sequence 2, App1
c1287	15.6	0.2	22	1	US-09-976-378A-43	Sequence 43, App1	c1360	15.6	0.2	23	1	US-10-388-218A-25	Sequence 25, App1
c1288	15.6	0.2	22	1	US-09-976-378A-46	Sequence 46, App1	c1361	15.6	0.2	23	1	US-10-664-422-380	Sequence 380, App
c1289	15.6	0.2	22	1	US-09-976-577-43	Sequence 43, App1	c1362	15.6	0.2	23	1	US-10-664-422-380	Sequence 380, App
c1290	15.6	0.2	22	1	US-09-976-577-46	Sequence 46, App1	1363	15.6	0.2	23	1	US-10-699-551-8	Sequence 8, App1
c1291	15.6	0.2	22	1	US-09-966-312-43	Sequence 43, App1	1364	15.6	0.2	23	1	US-10-699-551-10	Sequence 10, App1
c1292	15.6	0.2	22	1	US-09-966-312-46	Sequence 46, App1	c1365	15.6	0.2	24	1	US-10-309-775A-28	Sequence 28, App1
c1293	15.6	0.2	22	1	US-09-927-777A-43	Sequence 43, App1	c1366	15.6	0.2	24	1	US-09-487-318-9	Sequence 9, App1
c1294	15.6	0.2	22	1	US-09-927-777A-46	Sequence 46, App1	c1367	15.6	0.2	24	1	US-09-539-382-61	Sequence 61, App1
c1295	15.6	0.2	22	1	US-09-927-777A-73	Sequence 73, App1	1368	15.6	0.2	24	1	US-09-539-382-62	Sequence 62, App1
c1296	15.6	0.2	22	1	US-09-966-491A-43	Sequence 43, App1	1369	15.6	0.2	24	1	US-09-946-378-379	Sequence 379, App
c1297	15.6	0.2	22	1	US-09-966-491A-46	Sequence 46, App1	c1370	15.6	0.2	24	1	US-09-940-185-1132	Sequence 1132, Ap
c1298	15.6	0.2	22	1	US-09-976-971A-43	Sequence 43, App1	c1371	15.6	0.2	24	1	US-09-940-185-3469	Sequence 3469, Ap
c1299	15.6	0.2	22	1	US-09-976-971A-46	Sequence 46, App1	c1372	15.6	0.2	24	1	US-09-792-818-2216	Sequence 2216, Ap
c1300	15.6	0.2	22	1	US-09-820-279B-43	Sequence 43, App1	1373	15.6	0.2	24	1	US-10-015-395A-379	Sequence 379, App
c1301	15.6	0.2	22	1	US-09-820-279B-46	Sequence 46, App1	c1374	15.6	0.2	24	1	US-10-433-561-37	Sequence 37, App1
c1302	15.6	0.2	22	1	US-09-981-344-43	Sequence 43, App1	c1375	15.6	0.2	24	1	US-10-257-338B-9	Sequence 9, App1
c1303	15.6	0.2	22	1	US-09-981-344-46	Sequence 46, App1	c1376	15.6	0.2	24	1	US-09-764-359-9	Sequence 9, App1
c1304	15.6	0.2	22	1	US-09-957-318A-43	Sequence 43, App1	1377	15.6	0.2	24	1	US-10-006-488A-379	Sequence 379, App
c1305	15.6	0.2	22	1	US-09-957-318A-46	Sequence 46, App1	1378	15.6	0.2	24	1	US-10-013-907A-379	Sequence 379, App
c1306	15.6	0.2	22	1	US-09-974-500A-43	Sequence 43, App1	1379	15.6	0.2	24	1	US-10-015-499A-379	Sequence 379, App
c1307	15.6	0.2	22	1	US-09-974-500A-46	Sequence 46, App1	1380	15.6	0.2	24	1	US-10-226-254A-379	Sequence 379, App
c1308	15.6	0.2	22	1	US-09-770-107-108	Sequence 108, App	c1381	15.6	0.2	24	1	US-10-067-893-61	Sequence 61, App1
c1309	15.6	0.2	22	1	US-09-975-376A-43	Sequence 43, App1	c1382	15.6	0.2	24	1	US-10-067-790-61	Sequence 61, App1
c1310	15.6	0.2	22	1	US-09-975-376A-46	Sequence 46, App1	1383	15.6	0.2	24	1	US-10-067-790-62	Sequence 62, App1
c1311	15.6	0.2	22	1	US-09-957-313A-43	Sequence 43, App1	c1384	15.6	0.2	24	1	US-10-067-892-61	Sequence 61, App1
c1312	15.6	0.2	22	1	US-09-957-313A-46	Sequence 46, App1	1385	15.6	0.2	24	1	US-10-067-892-62	Sequence 62, App1
c1313	15.6	0.2	22	1	US-09-976-863A-43	Sequence 43, App1	c1386	15.6	0.2	24	1	US-10-067-893-61	Sequence 61, App1
c1314	15.6	0.2	22	1	US-09-976-863A-46	Sequence 46, App1	1387	15.6	0.2	24	1	US-10-067-893-62	Sequence 62, App1
c1315	15.6	0.2	22	1	US-09-976-601A-43	Sequence 43, App1	1388	15.6	0.2	24	1	US-10-006-856A-379	Sequence 379, App
c1316	15.6	0.2	22	1	US-09-976-601A-46	Sequence 46, App1	1389	15.6	0.2	24	1	US-10-085-906-207	Sequence 207, App
c1317	15.6	0.2	22	1	US-09-975-059A-43	Sequence 43, App1	1390	15.6	0.2	24	1	US-10-006-818A-379	Sequence 379, App
c1318	15.6	0.2	22	1	US-09-975-059A-46	Sequence 46, App1	1391	15.6	0.2	24	1	US-10-015-393A-379	Sequence 379, App
c1319	15.6	0.2	22	1	US-09-976-968A-43	Sequence 43, App1	1392	15.6	0.2	24	1	US-10-015-868A-379	Sequence 379, App
c1320	15.6	0.2	22	1	US-09-976-968A-46	Sequence 46, App1	1393	15.6	0.2	24	1	US-10-012-121A-379	Sequence 379, App
c1321	15.6	0.2	22	1	US-09-844-861A-80	Sequence 80, App1	1394	15.6	0.2	24	1	US-10-006-116A-379	Sequence 379, App
c1322	15.6	0.2	22	1	US-09-981-566A-83	Sequence 83, App1	1395	15.6	0.2	24	1	US-10-017-527A-379	Sequence 379, App
c1323	15.6	0.2	22	1	US-09-981-566A-167	Sequence 167, App	1396	15.6	0.2	24	1	US-10-017-527A-379	Sequence 379, App
c1324	15.6	0.2	22	1	US-09-981-566A-182	Sequence 182, App	1397	15.6	0.2	24	1	US-10-013-913A-379	Sequence 379, App
c1325	15.6	0.2	22	1	US-10-640-618-43	Sequence 43, App1	1398	15.6	0.2	24	1	US-10-007-194A-379	Sequence 379, App
c1326	15.6	0.2	22	1	US-10-640-618-46	Sequence 46, App1	1399	15.6	0.2	24	1	US-10-013-430A-379	Sequence 379, App
c1327	15.6	0.2	22	1	US-09-874-991C-617	Sequence 617, App	1400	15.6	0.2	24	1	US-10-011-671A-379	Sequence 379, App
c1328	15.6	0.2	22	1	US-10-632-658-49	Sequence 49, App1	1401	15.6	0.2	24	1	US-10-012-755A-379	Sequence 379, App
c1329	15.6	0.2	22	1	US-09-975-498-43	Sequence 43, App1	1402	15.6	0.2	24	1	US-10-015-386A-379	Sequence 379, App
c1330	15.6	0.2	22	1	US-09-975-498-46	Sequence 46, App1	1403	15.6	0.2	24	1	US-10-128-449A-24	Sequence 24, App1
c1331	15.6	0.2	22	1	US-10-173-509-1	Sequence 1, App1	1404	15.6	0.2	24	1	US-10-168-836-4	Sequence 4, App1
c1332	15.6	0.2	22	1	US-10-008-978-43	Sequence 43, App1	1405	15.6	0.2	24	1	US-10-011-692A-379	Sequence 379, App
c1333	15.6	0.2	22	1	US-10-008-978-46	Sequence 46, App1	1406	15.6	0.2	24	1	US-10-006-768A-379	Sequence 379, App
c1334	15.6	0.2	22	1	US-10-008-978-73	Sequence 73, App1	1407	15.6	0.2	24	1	US-10-017-610A-379	Sequence 379, App
c1335	15.6	0.2	22	1	US-10-120-305A-3	Sequence 3, App1	1408	15.6	0.2	24	1	US-10-006-063A-379	Sequence 379, App
c1336	15.6	0.2	22	1	US-10-153-791-1	Sequence 1, App1	1409	15.6	0.2	24	1	US-10-015-822A-379	Sequence 379, App
c1337	15.6	0.2	22	1	US-10-214-670-2	Sequence 2, App1	1410	15.6	0.2	24	1	US-10-020-063A-379	Sequence 379, App
c1338	15.6	0.2	22	1	US-10-410-324-43	Sequence 43, App1	1411	15.6	0.2	24	1	US-10-017-407A-379	Sequence 379, App
c1339	15.6	0.2	22	1	US-10-410-324-46	Sequence 46, App1	1412	15.6	0.2	24	1	US-10-011-833A-379	Sequence 379, App
c1340	15.6	0.2	22	1	US-10-204-884-93	Sequence 93, App1	1413	15.6	0.2	24	1	US-10-006-041A-379	Sequence 379, App
c1341	15.6	0.2	22	1	US-10-266-983-43	Sequence 43, App1	1414	15.6	0.2	24	1	US-10-015-822A-379	Sequence 379, App
c1342	15.6	0.2	22	1	US-10-266-983-46	Sequence 46, App1	1415	15.6	0.2	24	1	US-10-015-387A-379	Sequence 379, App
c1343	15.6	0.2	22	1	US-10-266-983-73	Sequence 73, App1	c1416	15.6	0.2	24	1	US-10-254-676-6	Sequence 6, App1
c1344	15.6	0.2	22	1	US-10-435-696-156	Sequence 156, App	1417	15.6	0.2	24	1	US-10-006-130A-379	Sequence 379, App
c1345	15.6	0.2	22	1	US-10-180-331-3	Sequence 3, App1	1418	15.6	0.2	24	1	US-10-006-172A-379	Sequence 379, App
c1346	15.6	0.2	22	1	US-10-716-829-43	Sequence 43, App1	c1419	15.6	0.2	24	1	US-10-171-319-31	Sequence 31, App1
c1347	15.6	0.2	22	1	US-10-716-829-46	Sequence 46, App1	1420	15.6	0.2	24	1	US-10-017-253A-379	Sequence 379, App

1493	15.4	0.2	18	1	US-10-197-293-18	Sequence 18, Appl	1494	15.4	0.2	18	1	US-10-436-231-1	Sequence 1, Appl
1492	15.4	0.2	18	1	US-10-143-266-4	Sequence 4, Appl	1495	15.4	0.2	18	1	US-10-436-231-2	Sequence 2, Appl
1491	15.4	0.2	18	1	US-09-775-479-8	Sequence 8, Appl	1496	15.4	0.2	19	1	US-10-436-231-3	Sequence 3, Appl
1490	15.4	0.2	18	1	US-09-775-479-8	Sequence 8, Appl	1497	15.4	0.2	19	1	US-10-185-083-47	Sequence 47, Appl
1489	15.4	0.2	18	1	US-10-065-200A-48	Sequence 48, Appl	1498	15.4	0.2	19	1	US-10-185-083-47	Sequence 47, Appl
1488	15.4	0.2	18	1	US-10-065-200A-48	Sequence 48, Appl	1499	15.4	0.2	20	1	US-10-194-595-48	Sequence 48, Appl
1487	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	1500	15.4	0.2	20	1	US-10-345-092-48	Sequence 3, Appl
1486	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	1501	15.4	0.2	20	1	US-09-779-086-3	Sequence 4, Appl
1485	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	1502	15.4	0.2	20	1	US-09-779-086-4	Sequence 4, Appl
1484	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	1503	15.4	0.2	20	1	US-09-802-659-17	Sequence 17, Appl
1483	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	1504	15.4	0.2	20	1	US-09-802-659-17	Sequence 17, Appl
1482	15.4	0.2	17	1	US-10-735-592-17	Sequence 17, Appl	1505	15.4	0.2	20	1	US-09-802-659-17	Sequence 17, Appl
1481	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1506	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1480	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1507	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1479	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1508	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1478	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1509	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1477	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1510	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1476	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1511	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1475	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1512	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1474	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1513	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1473	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1514	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1472	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1515	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1471	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1516	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1470	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1517	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1469	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1518	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1468	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1519	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1467	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1520	15.4	0.2	20	1	US-09-904-435A-14	Sequence 14, Appl
1466	15.4	0.2	17	1	US-10-287-949A-5562	Sequence 5562, Ap	1521	15.4	0.2	20	1	US-09-904-435A	



c1567	15.4	0.2	30	1	US-10-683-386-8	Sequence 8, Appl1	c1640	15.2	0.2	20	1	US-10-688-706-890	Sequence 890, App
c1568	15.4	0.2	30	1	US-10-209-608-8	Sequence 8, Appl1	1641	15.2	0.2	20	1	US-10-315-962-50	Sequence 50, Appl
1569	15.4	0.2	31	1	US-09-801-274-1211	Sequence 1211, Ap	1642	15.2	0.2	20	1	US-10-316-755-20	Sequence 20, Appl
1570	15.4	0.2	32	1	US-10-208-357-14	Sequence 14, Appl	1643	15.2	0.2	20	1	US-10-316-755-175	Sequence 175, App
c1571	15.4	0.2	41	1	US-10-035-833A-2291	Sequence 2291, Ap	c1644	15.2	0.2	20	1	US-10-467-008-104	Sequence 104, App
c1572	15.4	0.2	41	1	US-10-035-833A-2291	Sequence 2291, Ap	1645	15.2	0.2	20	1	US-10-606-131-112	Sequence 112, App
1573	15.2	0.2	17	1	US-10-380-596A-5	Sequence 5, Appl1	1646	15.2	0.2	20	1	US-10-606-131-235	Sequence 235, App
1574	15.2	0.2	17	1	US-10-015-593-2	Sequence 5, Appl1	c1647	15.2	0.2	20	1	US-10-728-399-18	Sequence 18, Appl
c1575	15.2	0.2	20	1	US-10-275-080A-7	Sequence 7, Appl1	c1648	15.2	0.2	20	1	US-10-728-399-24	Sequence 24, Appl
c1576	15.2	0.2	20	1	US-09-823-634A-18	Sequence 18, Appl	1649	15.2	0.2	20	1	US-10-655-620A-5	Sequence 5, Appl1
c1577	15.2	0.2	20	1	US-09-823-634B-18	Sequence 18, Appl	c1650	15.2	0.2	21	1	US-10-418-182-106	Sequence 106, App
c1578	15.2	0.2	20	1	US-09-263-959-894	Sequence 894, App	1651	15.2	0.2	21	1	US-08-776-044-11	Sequence 11, Appl
1579	15.2	0.2	20	1	US-09-874-162A-22	Sequence 22, Appl	c1652	15.2	0.2	21	1	US-09-073-881-12	Sequence 12, Appl
c1580	15.2	0.2	20	1	US-09-964-261-186	Sequence 186, App	c1653	15.2	0.2	21	1	US-09-964-261-187	Sequence 187, App
1581	15.2	0.2	20	1	US-09-771-933-148	Sequence 148, App	c1654	15.2	0.2	21	1	US-10-027-075-14	Sequence 14, Appl
1582	15.2	0.2	20	1	US-09-888-326-737	Sequence 137, App	c1655	15.2	0.2	21	1	US-10-013-322-6	Sequence 6, Appl1
c1583	15.2	0.2	20	1	US-09-950-840-21	Sequence 21, Appl	1656	15.2	0.2	21	1	US-10-002-623-53	Sequence 53, Appl
c1584	15.2	0.2	20	1	US-09-950-840-21	Sequence 21, Appl	1657	15.2	0.2	21	1	US-10-032-585-5530	Sequence 5530, Ap
1585	15.2	0.2	20	1	US-09-784-674-732	Sequence 732, App	c1658	15.2	0.2	21	1	US-10-109-349A-1	Sequence 1, Appl1
1586	15.2	0.2	20	1	US-09-784-674-733	Sequence 733, App	1659	15.2	0.2	21	1	US-10-377-688-18	Sequence 18, Appl
1587	15.2	0.2	20	1	US-09-784-674-734	Sequence 734, App	c1660	15.2	0.2	21	1	US-10-444-575-22	Sequence 22, Appl
1588	15.2	0.2	20	1	US-09-784-674-736	Sequence 736, App	1661	15.2	0.2	21	1	US-10-349-143-6864	Sequence 6864, Ap
c1589	15.2	0.2	20	1	US-09-906-158-85	Sequence 85, Appl	c1662	15.2	0.2	21	1	US-10-349-143-9636	Sequence 9636, Ap
1590	15.2	0.2	20	1	US-09-776-479-431	Sequence 431, App	1663	15.2	0.2	21	1	US-10-349-143-11166	Sequence 11166, A
1591	15.2	0.2	20	1	US-09-967-655-60	Sequence 60, Appl	c1664	15.2	0.2	21	1	US-10-276-358-75	Sequence 75, Appl
c1592	15.2	0.2	20	1	US-09-967-655-60	Sequence 60, Appl	c1665	15.2	0.2	21	1	US-10-444-795B-736	Sequence 736, App
1593	15.2	0.2	20	1	US-09-967-655-86	Sequence 86, Appl	c1666	15.2	0.2	21	1	US-10-238-741-9	Sequence 9, Appl1
c1594	15.2	0.2	20	1	US-10-343-114-36	Sequence 36, Appl	c1667	15.2	0.2	21	1	US-10-655-579-67	Sequence 67, Appl
c1595	15.2	0.2	20	1	US-10-215-448-40	Sequence 40, Appl	1668	15.2	0.2	21	1	US-10-338-552-91	Sequence 91, Appl
c1596	15.2	0.2	20	1	US-10-380-126-38	Sequence 38, Appl	1669	15.2	0.2	21	1	US-10-338-627-91	Sequence 91, Appl
c1597	15.2	0.2	20	1	US-10-380-108-61	Sequence 61, Appl	c1670	15.2	0.2	21	1	US-10-774-602-9	Sequence 9, Appl1
c1598	15.2	0.2	20	1	US-10-380-124-85	Sequence 85, Appl	c1671	15.2	0.2	21	1	US-10-792-637-14	Sequence 14, Appl
c1599	15.2	0.2	20	1	US-10-683-386-40	Sequence 40, Appl	1672	15.2	0.2	21	1	US-10-755-889-821	Sequence 821, App
c1600	15.2	0.2	20	1	US-10-683-386-41	Sequence 41, Appl	c1673	15.2	0.2	22	1	US-09-816-522-29	Sequence 29, Appl
1601	15.2	0.2	20	1	US-10-181-543-50	Sequence 50, Appl	1674	15.2	0.2	22	1	US-09-853-830-126	Sequence 126, App
1602	15.2	0.2	20	1	US-10-282-178-66	Sequence 66, Appl	1675	15.2	0.2	22	1	US-09-780-172-11	Sequence 11, Appl
1603	15.2	0.2	20	1	US-10-314-578-431	Sequence 431, App	c1676	15.2	0.2	22	1	US-09-964-261-188	Sequence 188, App
1604	15.2	0.2	20	1	US-10-339-674-795	Sequence 795, App	c1677	15.2	0.2	22	1	US-09-927-121B-38	Sequence 38, Appl
1605	15.2	0.2	20	1	US-10-339-674-1830	Sequence 1830, Ap	1678	15.2	0.2	22	1	US-09-927-811A-16	Sequence 16, Appl
c1606	15.2	0.2	20	1	US-10-125-181-19	Sequence 19, Appl	1679	15.2	0.2	22	1	US-10-663-241-45	Sequence 45, Appl
c1607	15.2	0.2	20	1	US-10-023-610-61	Sequence 61, Appl	1680	15.2	0.2	22	1	US-09-874-991C-619	Sequence 619, App
1608	15.2	0.2	20	1	US-10-112-653-413	Sequence 413, App	1681	15.2	0.2	22	1	US-10-211-855-188	Sequence 188, Appl
1609	15.2	0.2	20	1	US-10-085-906-213	Sequence 213, App	c1682	15.2	0.2	22	1	US-10-309-788-17	Sequence 17, Appl
1610	15.2	0.2	20	1	US-10-017-995-431	Sequence 431, App	c1683	15.2	0.2	22	1	US-10-309-788-19	Sequence 19, Appl
1611	15.2	0.2	20	1	US-10-152-040-6	Sequence 6, Appl1	c1684	15.2	0.2	22	1	US-10-300-618-13	Sequence 13, Appl
c1612	15.2	0.2	20	1	US-10-209-608-40	Sequence 40, Appl	c1685	15.2	0.2	22	1	US-10-263-827-17	Sequence 17, Appl
c1613	15.2	0.2	20	1	US-10-209-608-41	Sequence 41, Appl	1686	15.2	0.2	22	1	US-10-002-622-56	Sequence 56, Appl
1614	15.2	0.2	20	1	US-10-161-803-2	Sequence 2, Appl1	1687	15.2	0.2	22	1	US-10-106-743-2	Sequence 2, Appl1
1615	15.2	0.2	20	1	US-10-230-026-108	Sequence 108, App	c1688	15.2	0.2	22	1	US-10-102-674-59	Sequence 59, Appl
c1616	15.2	0.2	20	1	US-10-000-213-72	Sequence 72, Appl	1689	15.2	0.2	22	1	US-10-357-935-29	Sequence 29, Appl
c1617	15.2	0.2	20	1	US-10-367-470-18	Sequence 18, Appl	1690	15.2	0.2	22	1	US-10-210-951-188	Sequence 188, App
c1618	15.2	0.2	20	1	US-10-032-585-5256	Sequence 5256, Ap	1691	15.2	0.2	22	1	US-10-211-884-188	Sequence 188, App
1619	15.2	0.2	20	1	US-10-331-907-289	Sequence 289, App	1692	15.2	0.2	22	1	US-10-438-722-125	Sequence 125, App
c1620	15.2	0.2	20	1	US-10-005-344-331	Sequence 331, App	c1693	15.2	0.2	22	1	US-10-338-306B-17	Sequence 17, Appl
1621	15.2	0.2	20	1	US-10-380-931-104	Sequence 104, App	c1694	15.2	0.2	22	1	US-10-238-306B-19	Sequence 19, Appl
1622	15.2	0.2	20	1	US-10-236-031B-86	Sequence 86, Appl	c1695	15.2	0.2	22	1	US-10-629-453-17	Sequence 17, Appl
c1623	15.2	0.2	20	1	US-10-388-263-534	Sequence 534, App	c1696	15.2	0.2	22	1	US-10-629-453-19	Sequence 19, Appl
1624	15.2	0.2	20	1	US-10-175-492-51	Sequence 51, Appl	1697	15.2	0.2	22	1	US-10-366-548-7	Sequence 7, Appl1
c1625	15.2	0.2	20	1	US-10-175-492-129	Sequence 129, App	1698	15.2	0.2	23	1	US-09-263-959-772	Sequence 772, App
1626	15.2	0.2	20	1	US-10-289-775A-72	Sequence 72, Appl	c1699	15.2	0.2	23	1	US-09-964-261-189	Sequence 189, App
c1627	15.2	0.2	20	1	US-10-289-762-2391	Sequence 2391, Ap	1700	15.2	0.2	23	1	US-09-771-933-140	Sequence 140, App
1628	15.2	0.2	20	1	US-10-289-762-2978	Sequence 2978, App	1701	15.2	0.2	23	1	US-10-024-011-4	Sequence 4, Appl1
c1629	15.2	0.2	20	1	US-10-289-762-5002	Sequence 5002, Ap	c1702	15.2	0.2	23	1	US-10-075-425-24	Sequence 24, Appl
c1630	15.2	0.2	20	1	US-10-289-762-5785	Sequence 5785, Ap	1703	15.2	0.2	23	1	US-10-024-018-1	Sequence 1, Appl1
c1631	15.2	0.2	20	1	US-10-289-762-6476	Sequence 6476, Ap	c1704	15.2	0.2	23	1	US-10-090-182A-1	Sequence 1, Appl1
1632	15.2	0.2	20	1	US-10-289-762-6842	Sequence 6842, Ap	c1705	15.2	0.2	23	1	US-10-251-596-39	Sequence 39, Appl
c1633	15.2	0.2	20	1	US-10-455-552-26	Sequence 26, Appl	c1706	15.2	0.2	23	1	US-10-118-853-38	Sequence 38, Appl
c1634	15.2	0.2	20	1	US-10-212-848-61	Sequence 61, Appl	c1707	15.2	0.2	23	1	US-10-078-113-1	Sequence 1, Appl1
c1635	15.2	0.2	20	1	US-10-272-727-101	Sequence 101, App	c1708	15.2	0.2	23	1	US-10-179-940-1	Sequence 1, Appl1
c1636	15.2	0.2	20	1	US-10-272-811-101	Sequence 101, App	c1709	15.2	0.2	23	1	US-10-309-290-222	Sequence 222, App
1637	15.2	0.2	20	1	US-10-303-328-17	Sequence 17, Appl	c1710	15.2	0.2	23	1	US-10-287-092-53	Sequence 53, App
c1638	15.2	0.2	20	1	US-10-303-328-52	Sequence 52, Appl	c1711	15.2	0.2	23	1	US-10-607-455-38	Sequence 38, Appl
c1639	15.2	0.2	20	1	US-10-688-706-714	Sequence 714, App	c1712	15.2	0.2	23	1	US-10-665-951-2006	Sequence 2006, Ap



1713	15.2	0.2	23	1	US-10-762-888-6	Sequence 6, Appl	1786	15	0.2	17	1	US-10-309-152A-3	Sequence 3, Appl
1714	15.2	0.2	24	1	US-10-309-775A-22	Sequence 22, Appl	1787	15	0.2	17	1	US-10-220-373-7	Sequence 7, Appl
1715	15.2	0.2	24	1	US-10-257-332B-9	Sequence 9, Appl	1788	15	0.2	17	1	US-10-220-373-8	Sequence 8, Appl
1716	15.2	0.2	24	1	US-10-746-264-21	Sequence 21, Appl	1789	15	0.2	17	1	US-10-380-255-6	Sequence 6, Appl
1717	15	0.2	15	1	US-09-504-231A-22	Sequence 22, Appl	1790	15	0.2	17	1	US-10-380-255-7	Sequence 7, Appl
1718	15	0.2	15	1	US-09-930-218-5	Sequence 5, Appl	1791	15	0.2	17	1	US-10-138-674-1071	Sequence 1071, Appl
1719	15	0.2	15	1	US-09-274-553D-22	Sequence 22, Appl	1792	15	0.2	17	1	US-10-138-674-1076	Sequence 1076, Ap
1720	15	0.2	15	1	US-09-776-874A-5	Sequence 5, Appl	1793	15	0.2	17	1	US-10-287-949A-1071	Sequence 1071, Ap
1721	15	0.2	15	1	US-09-955-410-17	Sequence 17, Appl	1794	15	0.2	17	1	US-10-287-949A-1076	Sequence 1076, Ap
1722	15	0.2	15	1	US-09-805-410-18	Sequence 18, Appl	1795	15	0.2	17	1	US-10-723-361-1537	Sequence 1537, Ap
1723	15	0.2	15	1	US-09-805-296D-10	Sequence 10, Appl	1796	15	0.2	17	1	US-10-723-361-1538	Sequence 1538, Ap
1724	15	0.2	15	1	US-09-983-210-19	Sequence 19, Appl	1797	15	0.2	17	1	US-10-723-361-1539	Sequence 1539, Ap
1725	15	0.2	15	1	US-09-983-210-20	Sequence 20, Appl	1798	15	0.2	17	1	US-10-239-734-3	Sequence 3, Appl
1726	15	0.2	15	1	US-09-850-962B-4	Sequence 4, Appl	1799	15	0.2	17	1	US-10-239-734-4	Sequence 4, Appl
1727	15	0.2	15	1	US-09-988-113-5	Sequence 5, Appl	1800	15	0.2	17	1	US-10-735-592-10	Sequence 10, Appl
1728	15	0.2	15	1	US-09-988-113-5	Sequence 5, Appl	1801	15	0.2	18	1	US-09-904-744-1	Sequence 1, Appl
1729	15	0.2	15	1	US-09-793-146-5	Sequence 54, Appl	1802	15	0.2	18	1	US-09-904-744-2	Sequence 2, Appl
1730	15	0.2	15	1	US-09-793-146-55	Sequence 55, Appl	1803	15	0.2	18	1	US-09-775-479-9	Sequence 9, Appl
1731	15	0.2	15	1	US-10-433-005-4	Sequence 4, Appl	1804	15	0.2	18	1	US-10-181-603-11	Sequence 11, Appl
1732	15	0.2	15	1	US-10-637-935-9	Sequence 9, Appl	1805	15	0.2	20	1	US-09-906-158-23	Sequence 23, Appl
1733	15	0.2	15	1	US-10-233-655A-4	Sequence 4, Appl	1806	15	0.2	20	1	US-10-216-484-93	Sequence 93, Appl
1734	15	0.2	15	1	US-10-291-808-68	Sequence 68, Appl	1807	15	0.2	20	1	US-10-384-533-93	Sequence 93, Appl
1735	15	0.2	15	1	US-10-208-357-21	Sequence 21, Appl	1808	15	0.2	20	1	US-10-388-263-472	Sequence 472, Ap
1736	15	0.2	15	1	US-10-176-055-9	Sequence 9, Appl	1809	15	0.2	20	1	US-10-173-718-17	Sequence 17, Appl
1737	15	0.2	15	1	US-10-072-975-10	Sequence 10, Appl	1810	15	0.2	20	1	US-10-377-079-87	Sequence 87, Appl
1738	15	0.2	15	1	US-10-227-001-23	Sequence 23, Appl	1811	15	0.2	20	1	US-10-688-706-2908	Sequence 2908, Ap
1739	15	0.2	15	1	US-10-051-436-10	Sequence 10, Appl	1812	15	0.2	20	1	US-10-476-021-57	Sequence 57, Appl
1740	15	0.2	15	1	US-10-341-582-5	Sequence 5, Appl	1813	15	0.2	21	1	US-09-775-479-17	Sequence 17, Appl
1741	15	0.2	15	1	US-10-106-749-5	Sequence 5, Appl	1814	15	0.2	21	1	US-10-349-143-9155	Sequence 9155, Ap
1742	15	0.2	15	1	US-10-384-451-5	Sequence 5, Appl	1815	15	0.2	22	1	US-10-324-409B-18	Sequence 18, Appl
1743	15	0.2	15	1	US-10-352-704-10	Sequence 54, Appl	1816	15	0.2	22	1	US-09-263-959-409	Sequence 409, Ap
1744	15	0.2	15	1	US-10-352-704-16	Sequence 16, Appl	1817	15	0.2	23	1	US-09-263-959-493	Sequence 493, Ap
1745	15	0.2	15	1	US-10-154-890-17	Sequence 17, Appl	1818	15	0.2	23	1	US-09-864-426A-166	Sequence 166, Ap
1746	15	0.2	15	1	US-10-154-890-18	Sequence 18, Appl	1819	15	0.2	23	1	US-09-864-426A-2161	Sequence 2161, Ap
1747	15	0.2	15	1	US-10-456-573-5	Sequence 5, Appl	1820	15	0.2	23	1	US-09-911-904C-105	Sequence 105, Ap
1748	15	0.2	15	1	US-10-360-275-10	Sequence 10, Appl	1821	15	0.2	23	1	US-09-864-426A-166	Sequence 166, Ap
1749	15	0.2	15	1	US-10-431-438-5	Sequence 5, Appl	1822	15	0.2	23	1	US-09-864-426A-2161	Sequence 2161, Ap
1750	15	0.2	15	1	US-10-091-231-2	Sequence 2, Appl	1823	15	0.2	23	1	US-09-981-566A-182	Sequence 182, Appl
1751	15	0.2	15	1	US-10-384-450-5	Sequence 5, Appl	1824	15	0.2	23	1	US-09-981-566A-182	Sequence 182, Appl
1752	15	0.2	15	1	US-10-371-218A-5	Sequence 5, Appl	1825	15	0.2	23	1	US-10-380-533-53	Sequence 53, Appl
1753	15	0.2	15	1	US-10-045-674-632	Sequence 632, Ap	1826	15	0.2	23	1	US-10-072-012-586	Sequence 986, Ap
1754	15	0.2	15	1	US-10-456-573-5	Sequence 5, Appl	1827	15	0.2	23	1	US-10-344-815-20	Sequence 20, Appl
1755	15	0.2	15	1	US-10-360-275-10	Sequence 10, Appl	1828	15	0.2	23	1	US-10-384-491-59	Sequence 59, Appl
1756	15	0.2	15	1	US-10-344-092-2	Sequence 2, Appl	1829	15	0.2	23	1	US-10-007-607-3	Sequence 3, Appl
1757	15	0.2	15	1	US-10-785-116-5	Sequence 5, Appl	1830	15	0.2	23	1	US-10-085-906-527	Sequence 527, Ap
1758	15	0.2	16	1	US-09-739-928-3	Sequence 3, Appl	1831	15	0.2	23	1	US-10-340-583-23	Sequence 23, Appl
1759	15	0.2	16	1	US-09-739-928-4	Sequence 4, Appl	1832	15	0.2	23	1	US-10-340-583-23	Sequence 23, Appl
1760	15	0.2	16	1	US-09-739-928-5	Sequence 5, Appl	1833	15	0.2	23	1	US-10-340-583-23	Sequence 23, Appl
1761	15	0.2	16	1	US-09-739-928-6	Sequence 6, Appl	1834	15	0.2	23	1	US-10-340-581-53	Sequence 53, Appl
1762	15	0.2	16	1	US-09-739-928-7	Sequence 7, Appl	1835	15	0.2	23	1	US-10-340-582-23	Sequence 23, Appl
1763	15	0.2	16	1	US-09-739-928-8	Sequence 8, Appl	1836	15	0.2	23	1	US-10-340-693-23	Sequence 23, Appl
1764	15	0.2	16	1	US-09-894-159-64	Sequence 64, Appl	1837	15	0.2	23	1	US-10-340-693-23	Sequence 23, Appl
1765	15	0.2	16	1	US-10-227-001-20	Sequence 20, Appl	1838	15	0.2	23	1	US-10-340-693-23	Sequence 23, Appl
1766	15	0.2	16	1	US-10-164-915-2	Sequence 2, Appl	1839	15	0.2	23	1	US-10-340-650-23	Sequence 23, Appl
1767	15	0.2	17	1	US-09-866-108-1537	Sequence 1537, Ap	1840	15	0.2	23	1	US-10-166-412-20	Sequence 20, Appl
1768	15	0.2	17	1	US-09-866-108-1538	Sequence 1538, Ap	1841	15	0.2	23	1	US-10-087-229-15	Sequence 15, Appl
1769	15	0.2	17	1	US-09-866-108-1539	Sequence 1539, Ap	1842	15	0.2	23	1	US-10-106-749-6	Sequence 6, Appl
1770	15	0.2	17	1	US-09-090-672B-105	Sequence 105, Ap	1843	15	0.2	23	1	US-10-222-943A-15	Sequence 15, Appl
1771	15	0.2	17	1	US-09-090-672B-107	Sequence 107, Ap	1844	15	0.2	24	1	US-10-216-122-151	Sequence 12, Appl
1772	15	0.2	17	1	US-09-730-559B-107	Sequence 107, Ap	1845	15	0.2	24	1	US-10-085-906-382	Sequence 382, Ap
1773	15	0.2	17	1	US-09-730-559B-109	Sequence 109, Ap	1846	15	0.2	24	1	US-10-205-522-82	Sequence 82, Appl
1774	15	0.2	17	1	US-10-380-254-3	Sequence 3, Appl	1847	15	0.2	24	1	US-10-057-834A-41	Sequence 41, Appl
1775	15	0.2	17	1	US-10-380-254-4	Sequence 4, Appl	1848	15	0.2	24	1	US-09-923-246-39	Sequence 39, Appl
1776	15	0.2	17	1	US-10-398-885A-2	Sequence 2, Appl	1849	15	0.2	26	1	US-09-092-296-10	Sequence 39, Appl
1777	15	0.2	17	1	US-10-398-885A-3	Sequence 3, Appl	1850	15	0.2	26	1	US-10-295-723-39	Sequence 39, Appl
1778	15	0.2	17	1	US-10-398-887-18	Sequence 18, Appl	1851	15	0.2	26	1	US-10-659-684-39	Sequence 39, Appl
1779	15	0.2	17	1	US-10-398-877-19	Sequence 19, Appl	1852	15	0.2	26	1		
1780	15	0.2	17	1	US-09-927-046-2114	Sequence 2114, Ap	1853	15	0.2	26	1		
1781	15	0.2	17	1	US-09-927-046-2115	Sequence 2115, Ap	1854	15	0.2	26	1		
1782	15	0.2	17	1	US-10-291-808-63	Sequence 63, Appl	1855	15	0.2	26	1		
1783	15	0.2	17	1	US-10-408-025-5	Sequence 522, Appl	1856	15	0.2	26	1		
1784	15	0.2	17	1	US-10-156-306-522	Sequence 523, App	1857	15	0.2	26	1		
1785	15	0.2	17	1	US-10-156-306-523	Sequence 523, App	1858	15	0.2	26	1		

1859	15	0.2	30	1	US-09-927-777A-68	Sequence 68, Appl	1932	14.8	0.2	20	1	US-10-216-098-9	Sequence 9, Appl1
1860	15	0.2	30	1	US-10-008-978-68	Sequence 68, Appl	c1933	14.8	0.2	20	1	US-10-103-076-9	Sequence 9, Appl1
1861	15	0.2	30	1	US-10-266-983-68	Sequence 68, Appl	1934	14.8	0.2	20	1	US-10-331-907-28	Sequence 288, Appl
1862	15	0.2	31	1	US-10-194-138-14	Sequence 14, Appl	c1935	14.8	0.2	20	1	US-10-058-597-13	Sequence 13, Appl
1863	14.8	0.2	18	1	US-08-591-486B-149	Sequence 149, Appl	1936	14.8	0.2	20	1	US-10-168-989-40	Sequence 40, Appl
c1864	14.8	0.2	18	1	US-09-280-030-28	Sequence 28, Appl	c1937	14.8	0.2	20	1	US-10-080-979-50	Sequence 50, Appl1
1865	14.8	0.2	18	1	US-09-969-373-4130	Sequence 4130, Ap	c1938	14.8	0.2	20	1	US-10-430-196-97	Sequence 97, Appl
1866	14.8	0.2	18	1	US-09-263-959-716	Sequence 716, App	1939	14.8	0.2	20	1	US-10-448-836-146	Sequence 146, App
c1867	14.8	0.2	18	1	US-09-961-077-1169	Sequence 1169, Ap	c1940	14.8	0.2	20	1	US-10-147-196-114	Sequence 114, App
1868	14.8	0.2	18	1	US-09-500-700-68	Sequence 68, Appl	1941	14.8	0.2	20	1	US-10-396-122-28	Sequence 28, Appl
1869	14.8	0.2	18	1	US-09-968-122-9	Sequence 9, Appl1	c1942	14.8	0.2	20	1	US-10-388-262-650	Sequence 650, App
1870	14.8	0.2	18	1	US-09-132-231-23	Sequence 23, Appl	c1943	14.8	0.2	20	1	US-10-174-175-26	Sequence 26, Appl
1871	14.8	0.2	18	1	US-09-825-566-56	Sequence 56, Appl	1944	14.8	0.2	20	1	US-10-174-175-61	Sequence 61, Appl
c1872	14.8	0.2	18	1	US-10-282-174-18	Sequence 18, Appl	c1945	14.8	0.2	20	1	US-10-175-239-29	Sequence 29, Appl
1873	14.8	0.2	18	1	US-10-188-404-32	Sequence 32, Appl	1946	14.8	0.2	20	1	US-10-175-239-64	Sequence 64, Appl
c1874	14.8	0.2	18	1	US-10-188-404-32	Sequence 32, Appl	1947	14.8	0.2	20	1	US-10-175-499-12	Sequence 12, Appl
1875	14.8	0.2	18	1	US-10-188-404-33	Sequence 33, Appl	1948	14.8	0.2	20	1	US-10-175-499-30	Sequence 30, Appl
1876	14.8	0.2	18	1	US-10-314-405-45	Sequence 45, Appl	1949	14.8	0.2	20	1	US-10-448-914A-146	Sequence 146, App
c1877	14.8	0.2	18	1	US-10-424-211-46	Sequence 46, Appl	c1950	14.8	0.2	20	1	US-10-186-157-81	Sequence 81, Appl
1878	14.8	0.2	18	1	US-10-349-143-6054	Sequence 6054, Ap	c1951	14.8	0.2	20	1	US-10-349-143-7819	Sequence 7819, Ap
c1879	14.8	0.2	18	1	US-10-349-143-11203	Sequence 11203, A	c1952	14.8	0.2	20	1	US-10-402-088-16	Sequence 16, Appl
c1880	14.8	0.2	18	1	US-10-203-295-26	Sequence 26, Appl	c1953	14.8	0.2	20	1	US-10-452-510-150	Sequence 150, App
1881	14.8	0.2	18	1	US-10-240-126-56	Sequence 56, Appl	1954	14.8	0.2	20	1	US-10-289-765-4204	Sequence 4204, Ap
c1882	14.8	0.2	19	1	US-09-791-932-170	Sequence 170, App	c1955	14.8	0.2	20	1	US-10-400-985-9	Sequence 9, Appl1
1883	14.8	0.2	19	1	US-10-252-155-72	Sequence 72, Appl	1956	14.8	0.2	20	1	US-10-447-136-158	Sequence 158, App
c1884	14.8	0.2	19	1	US-10-251-117-247	Sequence 247, App	c1957	14.8	0.2	20	1	US-10-402-072A-16	Sequence 16, Appl
c1885	14.8	0.2	19	1	US-10-225-117-496	Sequence 496, App	c1958	14.8	0.2	20	1	US-10-211-179-44	Sequence 44, Appl
c1886	14.8	0.2	19	1	US-10-225-023-49	Sequence 49, Appl	1959	14.8	0.2	20	1	US-10-211-179-103	Sequence 103, App
c1887	14.8	0.2	19	1	US-10-225-023-75	Sequence 75, Appl	c1960	14.8	0.2	20	1	US-10-274-088-20	Sequence 20, Appl
1888	14.8	0.2	19	1	US-10-225-023-787	Sequence 787, App	1961	14.8	0.2	20	1	US-10-274-088-132	Sequence 132, Appl
c1889	14.8	0.2	19	1	US-10-225-023-813	Sequence 813, App	c1962	14.8	0.2	20	1	US-10-415-228-3	Sequence 3, Appl1
1890	14.8	0.2	19	1	US-10-173-240-7	Sequence 7, Appl1	c1963	14.8	0.2	20	1	US-10-280-183A-204	Sequence 204, Appl
c1891	14.8	0.2	19	1	US-10-349-143-5817	Sequence 5817, Ap	1964	14.8	0.2	20	1	US-10-280-183A-396	Sequence 396, App
1892	14.8	0.2	19	1	US-10-206-705-68	Sequence 68, Appl	1965	14.8	0.2	20	1	US-10-280-183A-400	Sequence 400, App
c1893	14.8	0.2	19	1	US-10-206-705-253	Sequence 253, App	1966	14.8	0.2	20	1	US-10-293-864-110	Sequence 110, App
c1894	14.8	0.2	19	1	US-10-444-795B-737	Sequence 737, App	c1967	14.8	0.2	20	1	US-10-293-864-133	Sequence 133, Appl
1895	14.8	0.2	19	1	US-10-444-795B-738	Sequence 738, App	1968	14.8	0.2	20	1	US-10-293-864-110	Sequence 110, App
c1896	14.8	0.2	19	1	US-10-665-951-1729	Sequence 1729, Ap	c1969	14.8	0.2	20	1	US-10-293-998-40	Sequence 40, Appl
1897	14.8	0.2	19	1	US-10-665-951-1976	Sequence 1976, Ap	1970	14.8	0.2	20	1	US-10-293-998-75	Sequence 75, Appl
c1898	14.8	0.2	19	1	US-10-474-811A-34	Sequence 34, Appl	c1971	14.8	0.2	20	1	US-10-298-954-32	Sequence 32, Appl
c1899	14.8	0.2	20	1	US-09-800-629A-28	Sequence 28, Appl	1972	14.8	0.2	20	1	US-10-298-954-63	Sequence 63, Appl
1900	14.8	0.2	20	1	US-09-814-777A-69	Sequence 69, Appl	c1973	14.8	0.2	20	1	US-10-300-424-55	Sequence 55, Appl
c1901	14.8	0.2	20	1	US-09-974-546-62	Sequence 62, Appl	1974	14.8	0.2	20	1	US-10-300-611-60	Sequence 60, Appl
1902	14.8	0.2	20	1	US-09-784-674-735	Sequence 735, App	1975	14.8	0.2	20	1	US-10-671-074-19	Sequence 19, Appl
c1903	14.8	0.2	20	1	US-09-919-197-68	Sequence 68, Appl	c1976	14.8	0.2	20	1	US-10-671-074-99	Sequence 99, Appl
c1905	14.8	0.2	20	1	US-09-920-033-114	Sequence 114, App	c1977	14.8	0.2	20	1	US-10-303-325-36	Sequence 36, Appl
c1906	14.8	0.2	20	1	US-09-953-318-55	Sequence 55, Appl	1978	14.8	0.2	20	1	US-10-303-325-112	Sequence 112, App
1907	14.8	0.2	20	1	US-10-403-676-179	Sequence 179, App	1980	14.8	0.2	20	1	US-10-303-325-22	Sequence 22, Appl
c1908	14.8	0.2	20	1	US-10-072-012-1278	Sequence 1278, Ap	c1981	14.8	0.2	20	1	US-10-688-706-369	Sequence 369, App
1909	14.8	0.2	20	1	US-10-210-172-267	Sequence 267, App	c1982	14.8	0.2	20	1	US-10-688-706-370	Sequence 370, App
1910	14.8	0.2	20	1	US-10-665-216-44	Sequence 44, Appl	c1983	14.8	0.2	20	1	US-10-688-706-600	Sequence 600, App
c1911	14.8	0.2	20	1	US-10-617-314-150	Sequence 150, Appl	c1984	14.8	0.2	20	1	US-10-688-706-997	Sequence 997, App
c1912	14.8	0.2	20	1	US-09-923-517-97	Sequence 97, Appl	c1985	14.8	0.2	20	1	US-10-688-706-1539	Sequence 1539, Ap
c1913	14.8	0.2	20	1	US-10-683-386-36	Sequence 36, Appl	1986	14.8	0.2	20	1	US-10-688-706-1996	Sequence 1906, Ap
c1914	14.8	0.2	20	1	US-10-683-386-42	Sequence 42, Appl	1987	14.8	0.2	20	1	US-10-376-770-241	Sequence 241, App
1915	14.8	0.2	20	1	US-10-144-488-75	Sequence 75, Appl	1988	14.8	0.2	20	1	US-10-316-516-80	Sequence 80, Appl
c1916	14.8	0.2	20	1	US-10-160-787-52	Sequence 52, Appl	c1989	14.8	0.2	20	1	US-10-316-516-130	Sequence 130, App
c1917	14.8	0.2	20	1	US-10-446-373-55	Sequence 55, Appl	c1990	14.8	0.2	20	1	US-10-317-803-101	Sequence 101, App
1918	14.8	0.2	20	1	US-10-388-360-179	Sequence 179, Appl	c1991	14.8	0.2	20	1	US-10-679-533-28	Sequence 28, Appl
c1919	14.8	0.2	20	1	US-10-116-949-21	Sequence 21, Appl	1992	14.8	0.2	20	1	US-10-671-395-17	Sequence 17, Appl
1920	14.8	0.2	20	1	US-10-085-906-368	Sequence 368, App	1993	14.8	0.2	20	1	US-10-671-395-25	Sequence 25, Appl
c1921	14.8	0.2	20	1	US-10-209-608-36	Sequence 36, Appl	1994	14.8	0.2	20	1	US-10-671-395-100	Sequence 100, Appl
c1922	14.8	0.2	20	1	US-10-209-608-42	Sequence 42, Appl	c1995	14.8	0.2	20	1	US-10-728-399-4	Sequence 4, Appl1
1923	14.8	0.2	20	1	US-10-188-404-39	Sequence 39, Appl	c1996	14.8	0.2	20	1	US-10-728-399-10	Sequence 10, Appl
1924	14.8	0.2	20	1	US-10-188-404-48	Sequence 48, Appl	1997	14.8	0.2	20	1	US-10-661-165-241	Sequence 241, Appl
c1925	14.8	0.2	20	1	US-10-006-883A-40	Sequence 40, Appl	c1998	14.8	0.2	20	1	US-10-684-440-17	Sequence 17, Appl
c1926	14.8	0.2	20	1	US-10-007-010-82	Sequence 82, Appl	1999	14.8	0.2	20	1	US-10-684-440-50	Sequence 50, Appl
1927	14.8	0.2	20	1	US-10-002-623-106	Sequence 106, App	c2000	14.8	0.2	20	1	US-10-780-439-50	Sequence 50, Appl
1928	14.8	0.2	20	1	US-10-002-623-527	Sequence 527, App	c2001	14.8	0.2	20	1	US-10-744-466-150	Sequence 150, App
1929	14.8	0.2	20	1	US-10-017-621-46	Sequence 46, Appl	2002	14.8	0.2	20	1	US-10-375-715A-3	Sequence 3, Appl1
1930	14.8	0.2	20	1	US-10-334-703-28	Sequence 28, Appl	c2003	14.8	0.2	20	1	US-10-619-733-1619	Sequence 1619, Ap
1931	14.8	0.2	20	1	US-10-067-148-9	Sequence 9, Appl1	c2004	14.8	0.2	20	1	US-10-833-679-150	Sequence 150, App

C2005	14.8	0.2	21	1	US-09-065-040-6	Sequence 6, Appli	C2078	14.8	0.2	26	1	US-10-143-266-2	Sequence 2, Appli
C2006	14.8	0.2	21	1	US-09-776-874A-17	Sequence 17, Appli	C2079	14.8	0.2	26	1	US-10-053-883-53	Sequence 53, Appli
C2007	14.8	0.2	21	1	US-09-898-779-9	Sequence 9, Appli	C2080	14.8	0.2	26	1	US-10-295-723-38	Sequence 38, Appli
C2008	14.8	0.2	21	1	US-09-851-501-44	Sequence 44, Appli	C2081	14.8	0.2	26	1	US-10-659-684-38	Sequence 38, Appli
C2009	14.8	0.2	21	1	US-09-986-632-24	Sequence 24, Appli	C2082	14.8	0.2	27	1	US-09-263-959-524	Sequence 524, App
C2010	14.8	0.2	21	1	US-09-780-929-103	Sequence 103, App	C2083	14.8	0.2	30	1	US-10-369-036B-42	Sequence 42, Appli
C2011	14.8	0.2	21	1	US-09-988-113-17	Sequence 17, Appli	C2084	14.6	0.2	15	1	US-10-176-464A-18	Sequence 18, Appli
C2012	14.8	0.2	21	1	US-09-853-450-60	Sequence 60, Appli	C2085	14.6	0.2	21	1	US-09-912-014-2	Sequence 2, Appli
C2013	14.8	0.2	21	1	US-09-877-478-10	Sequence 10, Appli	C2086	14.6	0.2	21	1	US-10-371-066-2	Sequence 2, Appli
C2014	14.8	0.2	21	1	US-09-879-190A-21	Sequence 21, Appli	C2087	14.6	0.2	21	1	US-10-170-172-2	Sequence 188, App
C2015	14.8	0.2	21	1	US-09-791-190A-22	Sequence 22, Appli	C2088	14.6	0.2	21	1	US-09-187-289-11	Sequence 11, Appli
C2016	14.8	0.2	21	1	US-09-989-534-25	Sequence 25, Appli	C2089	14.6	0.2	21	1	US-09-187-289-12	Sequence 12, Appli
C2017	14.8	0.2	21	1	US-09-850-091-1	Sequence 1, Appli	C2090	14.6	0.2	21	1	US-09-863-693-10	Sequence 10, Appli
C2018	14.8	0.2	21	1	US-10-380-195A-58	Sequence 58, Appli	C2091	14.6	0.2	21	1	US-09-868-570-53	Sequence 53, Appli
C2019	14.8	0.2	21	1	US-10-042-865-24	Sequence 24, App	C2092	14.6	0.2	21	1	US-09-944-326-3	Sequence 3, Appli
C2020	14.8	0.2	21	1	US-10-633-894-12	Sequence 12, Appli	C2093	14.6	0.2	21	1	US-09-969-973-112	Sequence 4112, Ap
C2021	14.8	0.2	21	1	US-10-380-930-55	Sequence 55, Appli	C2094	14.6	0.2	21	1	US-09-263-959-807	Sequence 807, App
C2022	14.8	0.2	21	1	US-10-342-902-10	Sequence 10, Appli	C2095	14.6	0.2	21	1	US-09-263-959-892	Sequence 892, App
C2023	14.8	0.2	21	1	US-10-092-771-38	Sequence 38, Appli	C2096	14.6	0.2	21	1	US-09-263-959-869	Sequence 969, App
C2024	14.8	0.2	21	1	US-10-142-722-44	Sequence 44, Appli	C2097	14.6	0.2	21	1	US-09-943-388-35	Sequence 35, Appli
C2025	14.8	0.2	21	1	US-10-243-035-6	Sequence 6, Appli	C2098	14.6	0.2	21	1	US-09-805-761-53	Sequence 53, Appli
C2026	14.8	0.2	21	1	US-10-243-035-9	Sequence 9, Appli	C2099	14.6	0.2	21	1	US-09-766-450-90	Sequence 90, Appli
C2027	14.8	0.2	21	1	US-10-306-292-21	Sequence 21, Appli	C2100	14.6	0.2	21	1	US-09-938-689-53	Sequence 53, Appli
C2028	14.8	0.2	21	1	US-10-184-085A-638	Sequence 638, App	C2101	14.6	0.2	21	1	US-09-932-300-14	Sequence 14, Appli
C2029	14.8	0.2	21	1	US-10-341-582-17	Sequence 17, Appli	C2102	14.6	0.2	21	1	US-09-998-027-181	Sequence 181, App
C2030	14.8	0.2	21	1	US-10-384-451-17	Sequence 17, Appli	C2103	14.6	0.2	21	1	US-09-967-726A-3	Sequence 3, Appli
C2031	14.8	0.2	21	1	US-10-093-311-15	Sequence 15, Appli	C2104	14.6	0.2	21	1	US-09-373-403-10	Sequence 10, Appli
C2032	14.8	0.2	21	1	US-10-384-450-17	Sequence 17, Appli	C2105	14.6	0.2	21	1	US-10-416-090-19	Sequence 19, Appli
C2033	14.8	0.2	21	1	US-10-371-218A-17	Sequence 17, Appli	C2106	14.6	0.2	21	1	US-10-467-721-39	Sequence 39, Appli
C2034	14.8	0.2	21	1	US-10-300-683-44	Sequence 44, Appli	C2107	14.6	0.2	21	1	US-10-467-721-39	Sequence 6, Appli
C2035	14.8	0.2	21	1	US-10-456-573-17	Sequence 17, Appli	C2108	14.6	0.2	21	1	US-10-156-995-155	Sequence 155, App
C2036	14.8	0.2	21	1	US-10-374-686-4	Sequence 4, Appli	C2109	14.6	0.2	21	1	US-10-325-810-507	Sequence 507, App
C2037	14.8	0.2	21	1	US-10-388-934-838	Sequence 838, App	C2110	14.6	0.2	21	1	US-10-252-155-556	Sequence 556, App
C2038	14.8	0.2	21	1	US-10-349-143-7056	Sequence 7056, Ap	C2111	14.6	0.2	21	1	US-10-252-155-556	Sequence 557, App
C2039	14.8	0.2	21	1	US-10-210-130-293	Sequence 293, App	C2112	14.6	0.2	21	1	US-10-252-155-594	Sequence 594, App
C2040	14.8	0.2	21	1	US-10-055-565B-108	Sequence 108, App	C2113	14.6	0.2	21	1	US-10-085-906-446	Sequence 446, App
C2041	14.8	0.2	21	1	US-10-444-795B-739	Sequence 739, App	C2114	14.6	0.2	21	1	US-10-085-906-446	Sequence 543, App
C2042	14.8	0.2	21	1	US-10-444-795B-740	Sequence 740, App	C2115	14.6	0.2	21	1	US-10-085-906-443	Sequence 10, Appli
C2043	14.8	0.2	21	1	US-10-646-436-52	Sequence 52, Appli	C2116	14.6	0.2	21	1	US-10-143-437-10	Sequence 9, Appli
C2044	14.8	0.2	21	1	US-10-669-841-10	Sequence 10, Appli	C2117	14.6	0.2	21	1	US-10-184-722-9	Sequence 274, App
C2045	14.8	0.2	21	1	US-10-785-116-17	Sequence 17, Appli	C2118	14.6	0.2	21	1	US-10-044-632-774	Sequence 274, App
C2046	14.8	0.2	22	1	US-09-765-864-52	Sequence 52, Appli	C2119	14.6	0.2	21	1	US-10-044-539-274	Sequence 350, App
C2047	14.8	0.2	22	1	US-09-893-238-50	Sequence 50, Appli	C2120	14.6	0.2	21	1	US-10-005-956-350	Sequence 350, App
C2048	14.8	0.2	22	1	US-09-949-427-349	Sequence 349, App	C2121	14.6	0.2	21	1	US-10-005-956-361	Sequence 361, App
C2049	14.8	0.2	22	1	US-09-902-176A-29	Sequence 29, Appli	C2122	14.6	0.2	21	1	US-10-242-822B-30	Sequence 30, Appli
C2050	14.8	0.2	22	1	US-09-864-636A-1899	Sequence 1899, Ap	C2123	14.6	0.2	21	1	US-10-184-085A-365	Sequence 365, App
C2051	14.8	0.2	22	1	US-09-864-636A-1966	Sequence 1966, Ap	C2124	14.6	0.2	21	1	US-10-184-085A-677	Sequence 677, App
C2052	14.8	0.2	22	1	US-09-927-87C-62	Sequence 62, Appli	C2125	14.6	0.2	21	1	US-10-340-097-103	Sequence 103, App
C2053	14.8	0.2	22	1	US-09-864-426A-1899	Sequence 1899, Ap	C2126	14.6	0.2	21	1	US-10-253-967-22	Sequence 22, Appli
C2054	14.8	0.2	22	1	US-09-864-426A-1966	Sequence 1966, Ap	C2127	14.6	0.2	21	1	US-10-253-967-25	Sequence 25, Appli
C2055	14.8	0.2	22	1	US-10-457-047-62	Sequence 62, Appli	C2128	14.6	0.2	21	1	US-10-253-967-25	Sequence 3, Appli
C2056	14.8	0.2	22	1	US-10-639-491-12	Sequence 12, Appli	C2129	14.6	0.2	21	1	US-10-080-794-3	Sequence 96, Appli
C2057	14.8	0.2	22	1	US-10-652-511-296	Sequence 296, App	C2130	14.6	0.2	21	1	US-10-336-215-96	Sequence 103, App
C2058	14.8	0.2	22	1	US-10-665-667-52	Sequence 52, Appli	C2131	14.6	0.2	21	1	US-10-336-215-103	Sequence 96, Appli
C2059	14.8	0.2	22	1	US-10-655-847-5	Sequence 5, Appli	C2132	14.6	0.2	21	1	US-10-336-219-96	Sequence 103, App
C2060	14.8	0.2	22	1	US-09-949-428-349	Sequence 349, App	C2133	14.6	0.2	21	1	US-10-325-219-103	Sequence 181, App
C2061	14.8	0.2	22	1	US-10-126-103-218	Sequence 218, App	C2134	14.6	0.2	21	1	US-10-165-039-181	Sequence 4958, Ap
C2062	14.8	0.2	22	1	US-10-160-807-5	Sequence 5, Appli	C2135	14.6	0.2	21	1	US-10-108-260A-4958	Sequence 6532, Ap
C2063	14.8	0.2	22	1	US-10-084-839-1899	Sequence 1899, Ap	C2136	14.6	0.2	21	1	US-10-349-143-6532	Sequence 8253, App
C2064	14.8	0.2	22	1	US-10-084-839-1966	Sequence 1966, Ap	C2137	14.6	0.2	21	1	US-10-349-143-10094	Sequence 10094, A
C2065	14.8	0.2	22	1	US-10-025-806-231	Sequence 231, App	C2138	14.6	0.2	21	1	US-10-349-143-10129	Sequence 10129, A
C2066	14.8	0.2	22	1	US-10-360-149-62	Sequence 62, Appli	C2139	14.6	0.2	21	1	US-10-349-143-10387	Sequence 10387, A
C2067	14.8	0.2	22	1	US-10-210-130-237	Sequence 237, App	C2140	14.6	0.2	21	1	US-10-349-143-10387	Sequence 11322, A
C2068	14.8	0.2	22	1	US-10-210-130-240	Sequence 240, App	C2141	14.6	0.2	21	1	US-10-349-143-11222	Sequence 130, App
C2069	14.8	0.2	22	1	US-10-435-696-246	Sequence 246, App	C2142	14.6	0.2	21	1	US-10-115-479-130	Sequence 123, App
C2070	14.8	0.2	22	1	US-10-431-096-218	Sequence 218, App	C2143	14.6	0.2	21	1	US-10-380-584-123	Sequence 57, Appli
C2071	14.8	0.2	24	1	US-10-309-775A-23	Sequence 23, Appli	C2144	14.6	0.2	21	1	US-10-294-228-57	Sequence 6, Appli
C2072	14.8	0.2	26	1	US-09-922-480-7	Sequence 7, Appli	C2145	14.6	0.2	21	1	US-10-646-351A-3	Sequence 3, Appli
C2073	14.8	0.2	26	1	US-09-923-236-7	Sequence 7, Appli	C2146	14.6	0.2	21	1	US-10-646-593-315	Sequence 315, App
C2074	14.8	0.2	26	1	US-09-923-246-38	Sequence 38, Appli	C2147	14.6	0.2	21	1	US-10-315-218-7	Sequence 7, Appli
C2075	14.8	0.2	26	1	US-09-920-342-3	Sequence 3, Appli	C2148	14.6	0.2	21	1	US-10-605-498-72	Sequence 72, Appli
C2076	14.8	0.2	26	1	US-09-922-469-7	Sequence 7, Appli	C2149	14.6	0.2	21	1	US-10-333-449A-15	Sequence 15, Appli
C2077	14.8	0.2	26	1	US-09-949-305B-4	Sequence 4, Appli	C2150	14.6	0.2	21	1		

2151	14.6	0.2	21	1	US-10-425-006B-12	Sequence 12, Appl	2224	14.6	0.2	25	1	US-09-866-108-13467	Sequence 13467, A
2152	14.6	0.2	21	1	US-10-699-557-195	Sequence 195, App	2225	14.6	0.2	27	1	US-10-723-361-13467	Sequence 13467, A
C2153	14.6	0.2	22	1	US-09-784-423-95	Sequence 95, Appl	C2226	14.6	0.2	25	1	US-10-418-189-1148	Sequence 148, App
2154	14.6	0.2	22	1	US-09-809-342A-6	Sequence 6, Appl1	2227	14.6	0.2	31	1	US-09-927-777A-69	Sequence 69, Appl
2155	14.6	0.2	22	1	US-09-789-697A-9	Sequence 9, Appl1	2228	14.6	0.2	31	1	US-10-008-978-69	Sequence 69, Appl
2156	14.6	0.2	22	1	US-09-068-817-5	Sequence 5, Appl1	2229	14.6	0.2	31	1	US-10-266-983-69	Sequence 69, Appl
2157	14.6	0.2	22	1	US-09-969-373-3366	Sequence 3366, Ap	2230	14.4	0.2	16	1	US-10-480-276-33	Sequence 33, Appl
2158	14.6	0.2	22	1	US-09-995-912-3	Sequence 3, Appl1	C2231	14.4	0.2	17	1	US-09-866-108-2192	Sequence 2192, Ap
2159	14.6	0.2	22	1	US-09-454-495-7	Sequence 7, Appl1	C2232	14.4	0.2	17	1	US-09-866-108-2193	Sequence 2193, Ap
C2160	14.6	0.2	22	1	US-09-780-668A-31	Sequence 31, Appl	C2233	14.4	0.2	17	1	US-09-866-108-2658	Sequence 2658, Ap
C2161	14.6	0.2	22	1	US-09-263-959-1074	Sequence 1074, Ap	C2234	14.4	0.2	17	1	US-09-866-108-2659	Sequence 2659, Ap
2162	14.6	0.2	22	1	US-09-739-909-23	Sequence 23, Appl	C2235	14.4	0.2	17	1	US-09-866-108-7981	Sequence 7981, Ap
2163	14.6	0.2	22	1	US-09-766-450-24	Sequence 24, Appl	C2236	14.4	0.2	17	1	US-09-866-108-7982	Sequence 7982, Ap
2164	14.6	0.2	22	1	US-09-995-898A-47	Sequence 47, Appl	C2237	14.4	0.2	17	1	US-09-864-788-22	Sequence 22, Appl
C2165	14.6	0.2	22	1	US-09-938-689-14	Sequence 41, Appl	C2238	14.4	0.2	17	1	US-09-864-788-1434	Sequence 1434, Ap
2166	14.6	0.2	22	1	US-09-232-785-170	Sequence 170, App	2239	14.4	0.2	17	1	US-09-818-875-2654	Sequence 2654, Ap
2167	14.6	0.2	22	1	US-09-770-107-68	Sequence 68, Appl	C2240	14.4	0.2	17	1	US-09-818-875-2655	Sequence 2655, Ap
C2168	14.6	0.2	22	1	US-09-927-121B-47	Sequence 47, Appl	2241	14.4	0.2	17	1	US-09-818-875-2658	Sequence 2658, Ap
2169	14.6	0.2	22	1	US-09-776-479-908	Sequence 908, App	C2242	14.4	0.2	17	1	US-09-818-875-2659	Sequence 2659, Ap
2170	14.6	0.2	22	1	US-09-776-479-908	Sequence 908, App	2243	14.4	0.2	17	1	US-09-818-875-2662	Sequence 2662, Ap
C2171	14.6	0.2	22	1	US-09-923-327-145	Sequence 145, App	C2244	14.4	0.2	17	1	US-09-818-875-2663	Sequence 2663, Ap
C2172	14.6	0.2	22	1	US-10-380-533-66	Sequence 66, Appl	2245	14.4	0.2	17	1	US-09-848-754A-3602	Sequence 3602, Ap
C2173	14.6	0.2	22	1	US-10-114-270-297	Sequence 297, App	C2246	14.4	0.2	17	1	US-09-930-423-313	Sequence 313, App
C2174	14.6	0.2	22	1	US-10-210-281-184	Sequence 184, App	C2247	14.4	0.2	17	1	US-09-740-333-1995	Sequence 1995, Ap
2175	14.6	0.2	22	1	US-10-403-676-155	Sequence 155, App	2248	14.4	0.2	17	1	US-09-740-333-2560	Sequence 2560, Ap
2176	14.6	0.2	22	1	US-10-420-034A-47	Sequence 47, Appl	2249	14.4	0.2	17	1	US-09-792-818-361	Sequence 361, App
C2177	14.6	0.2	22	1	US-10-072-012-1065	Sequence 1065, Ap	2250	14.4	0.2	17	1	US-09-792-818-383	Sequence 383, App
2178	14.6	0.2	22	1	US-10-092-900A-718	Sequence 718, App	C2251	14.4	0.2	17	1	US-09-792-818-385	Sequence 385, App
2179	14.6	0.2	22	1	US-09-874-991C-616	Sequence 616, App	2252	14.4	0.2	17	1	US-09-792-818-524	Sequence 524, App
C2180	14.6	0.2	22	1	US-10-335-977C-9996	Sequence 9996, Ap	C2253	14.4	0.2	17	1	US-09-792-818-616	Sequence 616, App
2181	14.6	0.2	22	1	US-09-771-355-6	Sequence 6, Appl1	C2254	14.4	0.2	17	1	US-09-745-237A-313	Sequence 313, App
C2182	14.6	0.2	22	1	US-09-861-925-44	Sequence 44, Appl	C2255	14.4	0.2	17	1	US-09-817-879-1953	Sequence 1953, Ap
C2183	14.6	0.2	22	1	US-09-754-106-64	Sequence 64, Appl	2256	14.4	0.2	17	1	US-09-817-879-2560	Sequence 2560, Ap
2184	14.6	0.2	22	1	US-10-314-578-908	Sequence 908, App	2257	14.4	0.2	17	1	US-09-927-046-385	Sequence 385, App
2185	14.6	0.2	22	1	US-10-351-951-97	Sequence 97, Appl	2258	14.4	0.2	17	1	US-10-287-971-298	Sequence 298, App
2186	14.6	0.2	22	1	US-10-428-275-447	Sequence 447, App	2259	14.4	0.2	17	1	US-10-100-252-7	Sequence 7, Appl1
2187	14.6	0.2	22	1	US-10-432-008-19	Sequence 19, Appl	C2260	14.4	0.2	17	1	US-10-060-895A-1587	Sequence 1587, App
2188	14.6	0.2	22	1	US-10-028-415-38	Sequence 38, Appl	2261	14.4	0.2	17	1	US-10-060-998-694	Sequence 694, App
2189	14.6	0.2	22	1	US-10-003-152-36	Sequence 36, Appl	2262	14.4	0.2	17	1	US-10-060-998-695	Sequence 695, App
2190	14.6	0.2	22	1	US-10-002-050-36	Sequence 36, Appl	2263	14.4	0.2	17	1	US-10-060-998-1054	Sequence 1054, Ap
2191	14.6	0.2	22	1	US-10-002-304-36	Sequence 36, Appl	2264	14.4	0.2	17	1	US-10-060-998-1055	Sequence 1055, App
2192	14.6	0.2	22	1	US-10-112-653-877	Sequence 877, App	2265	14.4	0.2	17	1	US-10-156-306-520	Sequence 520, App
2193	14.6	0.2	22	1	US-10-017-995-908	Sequence 908, App	2266	14.4	0.2	17	1	US-10-156-306-1490	Sequence 1490, Ap
2194	14.6	0.2	22	1	US-10-152-297-108	Sequence 108, App	2267	14.4	0.2	17	1	US-10-156-306-3486	Sequence 3486, Ap
2195	14.6	0.2	22	1	US-10-068-338-7	Sequence 7, Appl1	2268	14.4	0.2	17	1	US-10-156-306-3640	Sequence 3640, Ap
2196	14.6	0.2	22	1	US-10-202-107-7	Sequence 7, Appl1	2269	14.4	0.2	17	1	US-10-156-306-5888	Sequence 5888, Ap
C2197	14.6	0.2	22	1	US-10-202-107-7	Sequence 7, Appl1	2270	14.4	0.2	17	1	US-10-156-306-5888	Sequence 5888, Ap
2198	14.6	0.2	22	1	US-10-207-791-6	Sequence 6, Appl1	2271	14.4	0.2	17	1	US-10-238-700-2251	Sequence 251, App
C2199	14.6	0.2	22	1	US-10-002-623-105	Sequence 105, App	C2272	14.4	0.2	17	1	US-10-238-700-2758	Sequence 2758, App
C2200	14.6	0.2	22	1	US-10-002-623-526	Sequence 526, App	2273	14.4	0.2	17	1	US-10-238-700-2911	Sequence 2911, App
C2201	14.6	0.2	22	1	US-10-199-957A-144	Sequence 144, App	2274	14.4	0.2	17	1	US-10-339-782-54	Sequence 54, Appl
C2202	14.6	0.2	22	1	US-10-270-839-75	Sequence 75, Appl	2275	14.4	0.2	17	1	US-10-230-006-1288	Sequence 1288, Ap
2203	14.6	0.2	22	1	US-10-244-90-46	Sequence 46, Appl	2276	14.4	0.2	17	1	US-10-209-787-2654	Sequence 2654, Ap
C2204	14.6	0.2	22	1	US-10-233-032A-44	Sequence 44, Appl	C2277	14.4	0.2	17	1	US-10-209-787-2655	Sequence 2655, Ap
C2205	14.6	0.2	22	1	US-10-334-488-10	Sequence 10, Appl	2278	14.4	0.2	17	1	US-10-209-787-2658	Sequence 2658, Ap
2206	14.6	0.2	22	1	US-10-032-585-4852	Sequence 4852, Ap	C2279	14.4	0.2	17	1	US-10-209-787-2659	Sequence 2659, Ap
C2207	14.6	0.2	22	1	US-10-025-806-267	Sequence 267, App	2280	14.4	0.2	17	1	US-10-209-787-2662	Sequence 2662, Ap
C2208	14.6	0.2	22	1	US-10-271-602B-66	Sequence 66, Appl	C2281	14.4	0.2	17	1	US-10-297-068-622	Sequence 622, App
C2209	14.6	0.2	22	1	US-10-388-934-845	Sequence 845, App	C2282	14.4	0.2	17	1	US-10-307-005-1367	Sequence 1367, Ap
C2210	14.6	0.2	22	1	US-10-115-479-112	Sequence 112, App	2283	14.4	0.2	17	1	US-10-307-005-1368	Sequence 1368, Ap
2211	14.6	0.2	22	1	US-10-374-077-81	Sequence 81, Appl	C2284	14.4	0.2	17	1	US-10-261-185-2654	Sequence 2654, Ap
2212	14.6	0.2	22	1	US-10-374-077-88	Sequence 88, Appl	2285	14.4	0.2	17	1	US-10-261-185-2655	Sequence 2655, Ap
C2213	14.6	0.2	22	1	US-10-085-198-436	Sequence 436, App	C2286	14.4	0.2	17	1	US-10-261-185-2656	Sequence 2656, Ap
2214	14.6	0.2	22	1	US-10-041-615-169	Sequence 169, App	2287	14.4	0.2	17	1	US-10-261-185-2658	Sequence 2658, Ap
C2215	14.6	0.2	22	1	US-10-210-130-335	Sequence 335, App	C2288	14.4	0.2	17	1	US-10-261-185-2659	Sequence 2659, Ap
2216	14.6	0.2	22	1	US-10-326-892-5	Sequence 5, Appl1	2289	14.4	0.2	17	1	US-10-261-185-2662	Sequence 2662, Ap
2217	14.6	0.2	22	1	US-10-326-892-5	Sequence 5, Appl1	C2290	14.4	0.2	17	1	US-10-261-185-2663	Sequence 2663, Ap
2218	14.6	0.2	22	1	US-10-182-952A-4	Sequence 4, Appl1	2291	14.4	0.2	17	1	US-10-138-674-1264	Sequence 1264, Ap
2219	14.6	0.2	22	1	US-10-470-700A-40	Sequence 40, Appl	2292	14.4	0.2	17	1	US-10-138-674-1265	Sequence 1265, Ap
2220	14.6	0.2	22	1	US-10-657-740-13	Sequence 13, Appl	C2293	14.4	0.2	17	1	US-10-138-674-1409	Sequence 1409, Ap
2221	14.6	0.2	22	1	US-10-403-142-224	Sequence 224, App	C2294	14.4	0.2	17	1	US-10-138-674-8361	Sequence 8361, Ap
C2222	14.6	0.2	22	1	US-10-620-242A-43	Sequence 43, Appl	2295	14.4	0.2	17	1	US-10-676-154-675	Sequence 675, App
C2223	14.6	0.2	25	1	US-10-480-013-2	Sequence 2, Appl1	2296	14.4	0.2	17	1	US-10-287-949A-1264	Sequence 1264, Ap

2297	14.4	0.2	17	1	US-10-287-949A-1265	Sequence 1265, Ap	2370	14.4	0.2	20	1	US-09-969-373-2962	Sequence 2962, Ap
C2298	14.4	0.2	17	1	US-10-287-949A-1409	Sequence 1409, Ap	2371	14.4	0.2	20	1	US-09-797-779-8	Sequence 8, Appl
C2299	14.4	0.2	17	1	US-10-287-949A-8361	Sequence 8361, Ap	2372	14.4	0.2	20	1	US-09-263-959-596	Sequence 596, Ap
2300	14.4	0.2	17	1	US-10-712-672-169	Sequence 169, App	2373	14.4	0.2	20	1	US-09-964-661-84	Sequence 84, Appl
2301	14.4	0.2	17	1	US-10-712-672-397	Sequence 997, App	C2374	14.4	0.2	20	1	US-09-824-322B-221	Sequence 221, App
C2302	14.4	0.2	17	1	US-10-712-672-3014	Sequence 2014, Ap	2375	14.4	0.2	20	1	US-09-824-322B-366	Sequence 366, App
C2303	14.4	0.2	17	1	US-10-668-841-4588	Sequence 4588, Ap	2376	14.4	0.2	20	1	US-09-232-785-206	Sequence 206, App
2304	14.4	0.2	17	1	US-10-668-841-5153	Sequence 5153, Ap	2377	14.4	0.2	20	1	US-09-784-674-727	Sequence 727, App
C2305	14.4	0.2	17	1	US-10-723-361-2192	Sequence 2192, Ap	2378	14.4	0.2	20	1	US-09-972-473-33	Sequence 33, Appl
C2306	14.4	0.2	17	1	US-10-723-361-2193	Sequence 2193, Ap	C2379	14.4	0.2	20	1	US-09-296-264-19	Sequence 19, Appl
C2307	14.4	0.2	17	1	US-10-723-361-2668	Sequence 2668, Ap	2380	14.4	0.2	20	1	US-10-637-935-16	Sequence 16, Appl
C2308	14.4	0.2	17	1	US-10-723-361-2669	Sequence 2669, Ap	2381	14.4	0.2	20	1	US-10-637-935-26	Sequence 26, Appl
C2309	14.4	0.2	17	1	US-10-723-361-7981	Sequence 7981, Ap	2382	14.4	0.2	20	1	US-10-637-935-27	Sequence 27, Appl
2310	14.4	0.2	17	1	US-10-723-361-7982	Sequence 7982, Ap	2383	14.4	0.2	20	1	US-10-407-846-13	Sequence 13, Appl
2311	14.4	0.2	17	1	US-10-735-592-2	Sequence 2, Appl1	C2384	14.4	0.2	20	1	US-10-407-846-13	Sequence 50, Appl
C2312	14.4	0.2	17	1	US-10-735-592-9	Sequence 9, Appl1	2385	14.4	0.2	20	1	US-10-380-125-50	Sequence 51, Appl
2313	14.4	0.2	17	1	US-10-735-592-15	Sequence 15, Appl	2386	14.4	0.2	20	1	US-10-380-125-51	Sequence 25, Appl
2314	14.4	0.2	17	1	US-10-735-592-16	Sequence 16, Appl	C2387	14.4	0.2	20	1	US-10-181-543-25	Sequence 4, Appl1
2315	14.4	0.2	17	1	US-10-735-592-25	Sequence 25, Appl	2388	14.4	0.2	20	1	US-10-282-174-4	Sequence 60, Appl
2316	14.4	0.2	17	1	US-10-735-592-48	Sequence 48, Appl	2389	14.4	0.2	20	1	US-10-364-748-60	Sequence 16, Appl
2317	14.4	0.2	17	1	US-10-735-592-54	Sequence 54, Appl	2390	14.4	0.2	20	1	US-10-202-189-16	Sequence 26, Appl
2318	14.4	0.2	17	1	US-10-681-074-2654	Sequence 2654, Ap	2391	14.4	0.2	20	1	US-10-202-189-26	Sequence 27, Appl
C2319	14.4	0.2	17	1	US-10-681-074-2655	Sequence 2655, Ap	C2392	14.4	0.2	20	1	US-10-202-189-27	Sequence 340, Appl
2320	14.4	0.2	17	1	US-10-681-074-2658	Sequence 2658, Ap	2393	14.4	0.2	20	1	US-10-085-906-340	Sequence 17, Appl
C2321	14.4	0.2	17	1	US-10-681-074-2659	Sequence 2659, Ap	2394	14.4	0.2	20	1	US-10-147-354-17	Sequence 20, Appl
2322	14.4	0.2	17	1	US-10-681-074-2662	Sequence 2662, Ap	2395	14.4	0.2	20	1	US-10-226-355-18	Sequence 48, Appl
C2323	14.4	0.2	17	1	US-10-681-074-2663	Sequence 2663, Ap	C2396	14.4	0.2	20	1	US-10-007-010-43	Sequence 43, Appl
2324	14.4	0.2	18	1	US-09-942-588A-64	Sequence 64, Appl	C2397	14.4	0.2	20	1	US-10-006-191-129	Sequence 129, App
2325	14.4	0.2	18	1	US-09-942-588A-65	Sequence 65, Appl	2398	14.4	0.2	20	1	US-10-341-550-6	Sequence 6, Appl1
2326	14.4	0.2	18	1	US-09-764-420A-65	Sequence 65, Appl	2399	14.4	0.2	20	1	US-10-218-969-17	Sequence 47, Appl
2327	14.4	0.2	18	1	US-09-969-373-2922	Sequence 2922, Ap	C2400	14.4	0.2	20	1	US-10-204-653-15	Sequence 15, Appl
C2328	14.4	0.2	18	1	US-09-969-373-2922	Sequence 64, Appl	C2401	14.4	0.2	20	1	US-10-053-654A-3	Sequence 3, Appl1
2329	14.4	0.2	18	1	US-09-988-873A-64	Sequence 81, Appl	C2402	14.4	0.2	20	1	US-10-238-442-16	Sequence 76, Appl
2330	14.4	0.2	18	1	US-09-988-873A-64	Sequence 81, Appl	2403	14.4	0.2	20	1	US-10-407-461-18	Sequence 18, Appl
C2331	14.4	0.2	18	1	US-09-942-662A-64	Sequence 64, Appl	C2404	14.4	0.2	20	1	US-10-407-461-44	Sequence 44, Appl
2332	14.4	0.2	18	1	US-10-349-143-5292	Sequence 5292, Ap	C2405	14.4	0.2	20	1	US-10-147-329-17	Sequence 17, Appl
2333	14.4	0.2	18	1	US-10-349-143-5293	Sequence 5293, Ap	C2406	14.4	0.2	20	1	US-10-005-344-330	Sequence 330, App
2334	14.4	0.2	18	1	US-10-349-143-5292	Sequence 4233, Ap	C2407	14.4	0.2	20	1	US-10-094-749-3359	Sequence 3359, Ap
C2339	14.4	0.2	18	1	US-10-286-628-24	Sequence 28, Appl	C2408	14.4	0.2	20	1	US-10-094-749-3372	Sequence 5, Appl1
2340	14.4	0.2	18	1	US-10-286-628-24	Sequence 33, Appl	C2409	14.4	0.2	20	1	US-10-403-090-53	Sequence 23, Appl
2341	14.4	0.2	18	1	US-10-084-839-2339	Sequence 2339, Ap	C2410	14.4	0.2	20	1	US-10-323-069A-55	Sequence 55, Appl
C2342	14.4	0.2	18	1	US-10-108-260A-5433	Sequence 5433, Ap	C2411	14.4	0.2	20	1	US-10-174-460-48	Sequence 48, Appl
2343	14.4	0.2	18	1	US-10-349-143-5292	Sequence 5292, Ap	C2412	14.4	0.2	20	1	US-10-174-460-99	Sequence 99, Appl
2344	14.4	0.2	18	1	US-10-349-143-5293	Sequence 5293, Ap	C2413	14.4	0.2	20	1	US-10-174-456-12	Sequence 12, Appl
C2345	14.4	0.2	18	1	US-10-349-143-5299	Sequence 9599, Ap	2414	14.4	0.2	20	1	US-10-174-456-10	Sequence 90, Appl
2346	14.4	0.2	18	1	US-10-608-804-64	Sequence 64, Appl	C2415	14.4	0.2	20	1	US-10-187-659A-22	Sequence 22, Appl
2347	14.4	0.2	18	1	US-10-206-705-68	Sequence 64, Appl	C2416	14.4	0.2	20	1	US-10-349-143-5670	Sequence 5670, Ap
C2348	14.4	0.2	19	1	US-10-773-951-102	Sequence 102, App	2417	14.4	0.2	20	1	US-10-289-762-1513	Sequence 1513, Ap
2349	14.4	0.2	19	1	US-10-773-951-102	Sequence 68, Appl	C2418	14.4	0.2	20	1	US-10-289-762-1915	Sequence 1915, Ap
2350	14.4	0.2	19	1	US-09-901-484A-118	Sequence 253, App	C2419	14.4	0.2	20	1	US-10-289-762-3250	Sequence 3250, Ap
C2351	14.4	0.2	19	1	US-09-853-526-418	Sequence 418, App	C2420	14.4	0.2	20	1	US-10-289-762-1452	Sequence 3452, Ap
2352	14.4	0.2	19	1	US-10-453-792-48	Sequence 124, App	C2421	14.4	0.2	20	1	US-10-289-762-1870	Sequence 3870, Ap
2353	14.4	0.2	19	1	US-10-453-792-48	Sequence 48, Appl	C2422	14.4	0.2	20	1	US-10-189-429-65	Sequence 65, Appl
C2354	14.4	0.2	19	1	US-10-333-429-445	Sequence 445, App	2423	14.4	0.2	20	1	US-10-210-429-12	Sequence 12, Appl
2355	14.4	0.2	19	1	US-10-138-316-69	Sequence 69, Appl	C2424	14.4	0.2	20	1	US-10-210-429-45	Sequence 45, Appl
2356	14.4	0.2	19	1	US-10-071-179-117	Sequence 117, App	C2425	14.4	0.2	20	1	US-10-210-429-45	Sequence 150, App
2357	14.4	0.2	19	1	US-10-126-704-117	Sequence 117, App	2426	14.4	0.2	20	1	US-10-211-908-100	Sequence 100, App
C2358	14.4	0.2	19	1	US-10-368-643-69	Sequence 69, Appl	C2427	14.4	0.2	20	1	US-10-211-908-100	Sequence 14, Appl
2359	14.4	0.2	19	1	US-10-260-150-45	Sequence 45, Appl	2428	14.4	0.2	20	1	US-10-239-176-14	Sequence 14, Appl
2360	14.4	0.2	19	1	US-10-331-907-54	Sequence 54, Appl	C2429	14.4	0.2	20	1	US-10-239-998-29	Sequence 29, Appl
C2361	14.4	0.2	19	1	US-10-349-143-5006	Sequence 5006, Ap	2430	14.4	0.2	20	1	US-10-239-998-29	Sequence 47, Appl
C2362	14.4	0.2	19	1	US-10-349-143-6457	Sequence 6457, Ap	2431	14.4	0.2	20	1	US-10-302-571-17	Sequence 79, Appl
2363	14.4	0.2	19	1	US-10-349-143-8352	Sequence 8352, Ap	C2432	14.4	0.2	20	1	US-10-302-571-17	Sequence 39, Appl
2364	14.4	0.2	19	1	US-10-280-183A-592	Sequence 592, App	2433	14.4	0.2	20	1	US-10-302-571-17	Sequence 47, Appl
C2365	14.4	0.2	20	1	US-09-808-358-18	Sequence 18, Appl	2434	14.4	0.2	20	1	US-10-302-571-17	Sequence 328, App
2366	14.4	0.2	20	1	US-09-808-358-44	Sequence 44, Appl	C2435	14.4	0.2	20	1	US-10-317-401-29	Sequence 29, Appl
C2367	14.4	0.2	20	1	US-09-193-538-14	Sequence 14, Appl	2440	14.4	0.2	20	1	US-10-317-401-29	Sequence 97, Appl
2368	14.4	0.2	20	1	US-09-973-959-2	Sequence 2, Appl1	2441	14.4	0.2	20	1	US-10-317-401-29	Sequence 97, Appl
2369	14.4	0.2	20	1	US-09-416-384A-17	Sequence 17, Appl	C2442	14.4	0.2	20	1	US-10-317-401-29	Sequence 97, Appl



Qy 4463 CTTTTTTTTTTTTTTTTGCTTGAGACATGGGTTGGC 4505  
Db 43 CTTTTTTTTTTTTTTTTTTTGTGACGACGAGTTTGC 1  
41

RESULT 3  
US-10-418-182-90  
; Sequence 90, Application US/10418182  
; Publication No. US20030228302A1  
; GENERAL INFORMATION:  
; APPLICANT: Crea, Roberto  
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
; FILE REFERENCE: 1551.2001-001  
; CURRENT APPLICATION NUMBER: US/10/418,182  
; CURRENT FILING DATE: 2003-04-16  
; PRIOR APPLICATION NUMBER: 60/373,558  
; PRIOR FILING DATE: 2002-04-17  
; NUMBER OF SEQ ID NOS: 423  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 90  
; LENGTH: 36  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-10-418-182-90

Query Match 0.4%; Score 27.8; DB 1; Length 36;  
Best Local Similarity 93.5%; Pred. No. 21;  
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7405 AGCAACATCAGCAGCAGCAGCAGCAGCA 7435  
Db 2 AGCAACAGCAGCAGCAGCAGCAGCAGCA 32

RESULT 4  
US-10-035-833A-2291  
; Sequence 2291, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Salto, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; CURRENT FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2291  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-2291

Query Match 0.4%; Score 26.8; DB 1; Length 41;  
Best Local Similarity 77.5%; Pred. No. 38;  
Matches 31; Conservative 1; Mismatches 8; Indels 0; Gaps 0;

Qy 4467 TTTTTTTTTTTTTTGTCTTGAGACATGGGTTGGCT 4506  
Db 1 TTTTTTTTTTTTTTTTTTTTAAGAGATGAGTCTCACT 40

RESULT 5  
US-10-035-833A-3697  
; Sequence 3697, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuhio  
; APPLICANT: Sekine, Akihito  
; APPLICANT: Iida, Aritoshi

; APPLICANT: Iida, Aritoshi  
; APPLICANT: Salto, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035,833A  
; CURRENT FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3697  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-3697

Query Match 0.4%; Score 26.8; DB 1; Length 41;  
Best Local Similarity 77.5%; Pred. No. 38;  
Matches 31; Conservative 1; Mismatches 8; Indels 0; Gaps 0;

Qy 4467 TTTTTTTTTTTTTTGTCTTGAGACATGGGTTGGCT 4506  
Db 1 TTTTTTTTTTTTTTTTTTTTAAGAGATGAGTCTCACT 40

RESULT 6  
US-10-011-993-35  
; Sequence 35, Application US/10011993  
; Publication No. US20030119004A1  
; GENERAL INFORMATION:  
; APPLICANT: WENZ, H. MICHAEL  
; APPLICANT: SCHROTH, GARY P.  
; APPLICANT: CHEN, CAIFU  
; TITLE OF INVENTION: METHODS FOR QUANTITATING NUCLEIC ACIDS USING COUPLED  
; FILE REFERENCE: 07414.0030-00000  
; CURRENT APPLICATION NUMBER: US/10/011,993  
; CURRENT FILING DATE: 2001-12-05  
; PRIOR APPLICATION NUMBER: PCT/US01/17329  
; PRIOR FILING DATE: 2001-05-30  
; PRIOR APPLICATION NUMBER: 09/724,755  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: 09/584,905  
; PRIOR FILING DATE: 2000-05-30  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 35  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Illustrative  
; OTHER INFORMATION: oligonucleotide  
; FEATURE:  
; OTHER INFORMATION: This sequence may encompass 1-10 cag repeats  
US-10-011-993-35

Query Match 0.3%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 34;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7407 CAACATCAGCAGCAGCAGCAGCAGCA 7435  
Db 1 CAGCAGCAGCAGCAGCAGCAGCAGCA 29

RESULT 7  
US-10-357-322-4  
; Sequence 4, Application US/10357322  
; Publication No. US20030180768A1  
; GENERAL INFORMATION:  
; APPLICANT: Ranum et al.  
; TITLE OF INVENTION: SCAR GENE AND METHODS OF USE  
; FILE REFERENCE: Regents of the University of Minnesota  
; CURRENT APPLICATION NUMBER: US/10/357,322





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; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCT/US98/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 652
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-984-429-652

Query Match      0.3%; Score 25.6; DB 1; Length 39;
Best Local Similarity 87.5%; Pred. No. 56;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTTTTTTTGCTTGAGACA 4494
DB 37 CTTTTTTTTTTTTTTTTTTGTTGAGACA 6

RESULT 12
US-10-219-195-38
; Sequence 38, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 38
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-219-195-38

Query Match      0.3%; Score 25.4; DB 1; Length 39;
Best Local Similarity 96.3%; Pred. No. 61;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTTGTCTTGA 4490
DB 8 TTTTTTTTTTTTTTTTTTGTCTTGA 34

RESULT 13
US-09-940-227-49/c
; Sequence 49, Application US/09940227
; Publication No. US20030017468A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Sel Yu

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; APPLICANT: Macina, Roberto
; APPLICANT: Sun, Yongming
; APPLICANT: Reipon, Hevra
; TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
; FILE REFERENCE: DEX-0230
; CURRENT APPLICATION NUMBER: US/09/940,227
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,378
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 49
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-227-49

Query Match      0.3%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5554 AGATGAGAGAGTGTGTGACGACA 5578
DB 25 AGATGAGAGAGTGTGTGACGACA 1

RESULT 14
US-10-007-078-5/c
; Sequence 5, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO: 5
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-007-078-5

Query Match      0.3%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1801 GTGAAGCTGTGGAGATACACTCT 1825
DB 25 GTGAAGCTGTGGAGATACACTCT 1

RESULT 15
US-10-418-182-55/c
; Sequence 55, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 55

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; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: oligonucleotide
OS-10-418-182-55

```

Query Match	0.3%	Score	24.6	DB	1	Length	36
Best Local Similarity	87.1%	Pred. No.	74				
Matches	27	Conservative	4	Indels	0	Gaps	0

**Oy**      7405 AGCAACATCAGCAGCAGCAGCAGCAGCA 7435  
|||||  
**D6**      36 AGCAGCAGCAGCAGCAGCGGCGAGCGGCACA 6

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RESULT 16
US-10-215-432-43
; Sequence 43, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
; APPLICANT: Eric B. Kmiec
; APPLICANT: Hecel Parekh-Olmedo
; TITLE OF INVENTION: Composition and methods for the
; title of invention: prevention and treatment of Huntington's disease
; FILE REFERENCE: NApri-10
; CURRENT APPLICATION NUMBER: US/10/215,432
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Converted HD sequence
US-10-215-432-43

```

Query Match	0.3%	Score 24.2;	DB 1;	Length 30;
Best Local Similarity	89.7%;	Pred. No. 65;		
Matches 26; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	7407	CAACATCAGCAGCAGCAGCAGCAGCA	7435
Db	1	CAGCTGACAGCAGCAGCAGCAGCAGCA	29

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RESULT 17
US-10-007-078-6/c
; Sequence 6, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-007-078-6

```

Query Match	0.3%	Score 24;	DB 1;	Length 24;
Best Local Similarity	100.0%	Pred. No. 50;		
Match 24; Conservative	0;	Mismatches	0;	Indels 0;
				Gaps 0;

1774 CCAGGAAGACCGCGTATGCT 1797

Db 24 CCAGGAGACCGCGTGTATGCT 1

RESULT 18  
US-10-371-600-3  
; Sequence 3, Application US/10371600  
; Publication No. US20030180776A1

```

1  APPLICANT: WU, MING
2  APPLICANT: ULLMAN, EDWIN F.
3  TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
4  FILE REFERENCE: 3817.10-2
5  CURRENT APPLICATION NUMBER: US/10/371,600
6  CURRENT FILING DATE: 2003-05-19
7  PRIOR APPLICATION NUMBER: 60/359,223
8  PRIOR FILING DATE: 2002-02-20
9  PRIOR APPLICATION NUMBER: 60/379,160
10 PRIOR FILING DATE: 2002-05-08
11 NUMBER OF SEQ ID NOS: 14
12 SOFTWARE: PatentIn Ver. 2.1
13 SEQ ID NO 3
14
15 LENGTH: 32
16
17 TYPE: DNA
18
19 ORGANISM: Artificial Sequence
20
21 FEATURE:
22
23 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
24
25 US-10-371-600-3

```

Query Match	0.3%	Score 23.8	DB 1	Length 32
Best Local Similarity	92.6%	Pred. No. 85		
Matches 25; Conservative	0	Mismatches 2	Indels 0	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTGCTCTGA	4490
Db	6	TTTTTTTTTTTTTTTTTTTGA	32

```

RESULT 19
US-10-371-600-4
; Sequence 4, Application US/10371600
; Publication No. US2003018076A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OR INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-371-600-4

```

Query Match	0.3%	Score 23.8;	DB 1;	Length 32;
Best Local Similarity	92.6%;	Pred. No. 85;		
Matches 25; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

[illegible]

```
RESULT 20
US-09-927-777A-72/c
; Sequence 72, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 72
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-927-777A-72
Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1,1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

; APPLICANT: Cao, Yun-Wei
; APPLICANT: Jin, Rongchao
; TITLE OF INVENTION: No. US20040038255A1-alloying Core Shell Nanoparticles
; FILE REFERENCE: 01-661-B
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 10/034,451
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/293,861
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Nanoparticle probe
US-10-397-579-2
Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1,1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      4454 TGCATGACATTTT 4483
DB      30 TGATAGACATTTT 1

RESULT 22
US-10-008-978-72/c
; Sequence 72, Application US/10008978
; Patent No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 09/927,777
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
```

```
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 72
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-008-978-72
```

```
Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4454 TGGCATGACACTTTTTTTTTTTTTTTTTTTT 4483
Db      30 TGATTAAGAGATTTTTTTTTTTTTTTTTTTT 1
```

```
RESULT 23
US-10-153-483-2/c
; Sequence 2, Application US/10153483
; Publication No. US20030129608A1
; GENERAL INFORMATION:
; APPLICANT: Mitkin, Chad A.
; APPLICANT: Cao, Yun Wei
; TITLE OF INVENTION: NON-ALLOYING CORE SHELL NANOPARTICLES
; FILE REFERENCE: 01-661-C
; CURRENT APPLICATION NUMBER: US/10/153,483
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: PCT/US01/50825
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 10/034,451
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: 60/293,861
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Microsoft Word 1998
; SEQ ID NO 2
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-153-483-2
```

```
Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4454 TGGCATGACACTTTTTTTTTTTTTTTTTTTT 4483
Db      30 TGATTAAGAGATTTTTTTTTTTTTTTTTTTT 1
```

```
RESULT 24
US-10-266-983-72/c
; Sequence 72, Application US/10266983
```

```
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mitkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 72
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-72
```

```
Query Match      0.3%; Score 23.6; DB 1; Length 35;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4454 TGGCATGACACTTTTTTTTTTTTTTTTTTTT 4483
Db      30 TGATTAAGAGATTTTTTTTTTTTTTTTTTTT 1
```

```
RESULT 25
US-10-266-983-77/c
; Sequence 77, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mitkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
```

```

PRIORITY FILING DATE: 1999-06-25
PRIORITY APPLICATION NUMBER: 09/240,755
PRIORITY FILING DATE: 1999-01-29
PRIORITY APPLICATION NUMBER: PCT/US97/12783
PRIORITY FILING DATE: 1997-07-21
PRIORITY APPLICATION NUMBER: 60/031,809
PRIORITY FILING DATE: 1996-07-29
PRIORITY APPLICATION NUMBER: 60/176,409
PRIORITY FILING DATE: 2000-01-13
PRIORITY APPLICATION NUMBER: 60/192,659
PRIORITY FILING DATE: 2000-03-28
    Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO: 77
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-266-983-77

```

Query Match	0.3%	Score 23.6	DB 1	Length 35
Best Local Similarity	86.7%	Pred. No. 1.1e+02		
Matches 26; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

[illegible]

```

RESULT 26
US-10-108-969-8
; Sequence 8, Application US/10/08969
; Publication No. US20030196959A1
; GENERAL INFORMATION:
; APPLICANT: Kuralt, David M.
; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia
; TITLE OF INVENTION: and Treatment of Kidney Diseases
; FILE REFERENCE: 65988-0001
; CURRENT APPLICATION NUMBER: US/10/108,969
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Human beta-actin reverse primer
US-10-108-969-8

```

Query Match	0.3%	Score 23.2;	DB 1;	Length 32;
Best Local Similarity	89.3%	Pred. No. 1	le+02;	
Matches	25;	Conservative	0;	Mismatches 3; Indels 0; Gaps 0
QY	4464	TTTTTTTTTTTTTTTTTTTTTGCTTGAG	4491	
DB	5	TTTTTTTTTTTTTTTTTTTTTTTAAAG	32	

```

RESULT 27
US-10-611-629-3/c
; Sequence 3, Application US/10611629
; Publication No. US20040091905A1
GENERAL INFORMATION:
APPLICANT: CNO, BAOSHUIN
; TITLE OF INVENTION: METHOD FOR DETECTING MUTATED POLYNUCLEOTIDES WITHIN A
; TITLE OF INVENTION: LARGE POPULATION OF WILD-TYPE POLYNUCLEOTIDES
; FILE REFERENCE: 27433/04012
CURRENT APPLICATION NUMBER: US/10/611, 629
CURRENT FILING DATE: 2003-07-01

```

```

? PRIOR APPLICATION NUMBER: 60/392,251
? PRIOR FILING DATE: 2002-07-01
? NUMBER OF SEQ ID NOS: 15
? SOFTWARE: PatentIn Ver. 3.2
? SEQ ID NO 3
? LENGTH: 32
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence: Synthetic
? OTHER INFORMATION: probe
US-10-611-629-3

```

Query Match	0.34	Score	23.2	DB	1	Length	32
Best Local Similarity	89.34	Pred. No.	1	1e02			
Matches	25	Conservative	0	Mismatches	3	Indels	0
						Gaps	0

```
QY      4463 CTTTCTTTTTTTTTTTTTTTGCTTGGA 4490
          |||||
Db       30 CTTTCTTTTTTTTTTTTTTTTA 3
```

```

RESULT 28
US-10-418-182-174
: Sequence 174, Application US//10418182
: Publication No. US20030228302A1
: GENERAL INFORMATION:
: APPLICANT: Cree, Roberto
: TITLE OP INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
: FILE REFERENCE: 1551, 2001-001
: CURRENT APPLICATION NUMBER: US//10/418,182
: CURRENT FILING DATE: 2003-04-16
: PRIOR APPLICATION NUMBER: 60/373,558
: PRIOR FILING DATE: 2002-04-17
: NUMBER OF SEQ ID NOS: 423
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 174
: LENGTH: 27
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: oligonucleotide
US-10-418-182-174

```

Query Match	0.3%	Score 23	DB 1	length 27
Best Local Similarity	100.0%	Pred. No. 90		
Matches 23, Conservative	0	Mismatches	0	Gaps 0

Oy	7413	CAGCAGCAGCAGCAGCAGCA	7435
Db	1	CAGCAGCAGCAGCAGCAGCA	23

```

RESULT 29
US-09-971-353-24/c
; Sequence 24, Application US/09971353
; Publication No. US20030113723A1
; GENERAL INFORMATION:
; APPLICANT: Bapat, Bharati
; APPLICANT: Rose, Melanie Anne
; TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLE
; FILE REFERENCE: 11757.540S01
; CURRENT APPLICATION NUMBER: US/09/971,353
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: US 60/237,884
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-971-353-24

```

Query Match 0.3%; Score 23; DB 1; Length 31;  
Best Local Similarity 83.9%; Pred. No. 1.1e+02;  
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTTGAGACA 4494  
Db 31 TTTTGTCTTGAGACA 1

RESULT 30  
US-10-447-073-3/c  
; Sequence 3, Application US/10447073  
; Publication No. US20040096856A1  
; GENERAL INFORMATION:  
; APPLICANT: Gartmella, Viswanadham  
; APPLICANT: Bernal, Yasmita  
; TITLE OF INVENTION: Method for Attachment of Silylated Molecules to Glass Surfaces  
; FILE REFERENCE: 02-334-A  
; CURRENT APPLICATION NUMBER: US/10/447,073  
; CURRENT FILING DATE: 2003-05-28  
; PRIOR APPLICATION NUMBER: US 60/383,564  
; PRIOR FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3  
; LENGTH: 32  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Probe FV (13D)  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(1)  
; OTHER INFORMATION: n = epiendrosterone  
US-10-447-073-3

Query Match 0.3%; Score 23; DB 1; Length 32;  
Best Local Similarity 83.9%; Pred. No. 1.2e+02;  
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4455 GGCATGACTTTTGTCTTGAGACA 4485  
Db 32 GGCATGACTTTTGTCTTGAGACA 2

RESULT 31  
US-09-931-007A-6/c  
; Sequence 6, Application US/09931007A  
; Patent No. US2002016132A1  
; GENERAL INFORMATION:  
; APPLICANT: Aventis Pharma S.A.  
; TITLE OF INVENTION: SYSTEM FOR REGULATING IN VIVO THE EXPRESSION OF A TRANSGENE BY  
; FILE REFERENCE: 03806,0512  
; CURRENT APPLICATION NUMBER: US/09/931,007A  
; CURRENT FILING DATE: 2001-08-17  
; PRIOR APPLICATION NUMBER: FR 00/10730  
; PRIOR FILING DATE: 2000-08-18  
; PRIOR APPLICATION NUMBER: US 60/239,246  
; PRIOR FILING DATE: 2000-10-11  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6  
; LENGTH: 33  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-931-007A-6

Query Match 0.3%; Score 23; DB 1; Length 33;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGCA 7435  
Db 29 CAGCAGCAGCAGCAGCAGCA 7

RESULT 32  
US-09-099-823-14  
; Sequence 14, Application US/09099823  
; Patent No. US20020018990A1  
; GENERAL INFORMATION:  
; APPLICANT: BILLING-MEDLEY, PATRICIA  
; APPLICANT: COHEN, MAURICE  
; APPLICANT: COLPITS, TRACEY L.  
; APPLICANT: FRIEDMAN, PAULA N.  
; APPLICANT: GORDON, JULIAN  
; APPLICANT: GRANADOS, EDWARD N.  
; APPLICANT: HODGES, STEVEN C.  
; APPLICANT: KLAS, MICHAEL R.  
; APPLICANT: KRATOCHVIL, JON D.  
; APPLICANT: RUSSELL, JOHN C.  
; APPLICANT: SCHEFFEL, CHRISTI  
; APPLICANT: STROUPE, STEPHEN D.  
; APPLICANT: YU, HONG  
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
; FOR DETECTING DISEASES OF THE BREAST  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Abbott Laboratories  
; STREET: 100 Abbott Park Road  
; CITY: Abbott Park  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60064-3500  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/099,823  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/879,354  
; FILING DATE: 20-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Becker, Cheryl L.  
; REGISTRATION NUMBER: 35,441  
; REFERENCE/DOCKET NUMBER: 6120.US.P1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 847/935-1729  
; TELEFAX: 847/938-2623  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-099-823-14

Query Match 0.3%; Score 22.8; DB 1; Length 26;  
Best Local Similarity 92.3%; Pred. No. 92;  
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTTGAGACA 4489  
Db 1 TTTTGTCTTGAGACA 26

RESULT 33

US-10-176-055-10  
Sequence 10, Application US/10176055  
Publication No. US20030013109A1  
GENERAL INFORMATION:  
APPLICANT: Evident Technologies  
TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents  
FILE REFERENCE: 11739/26  
CURRENT APPLICATION NUMBER: US/10/176.055  
CURRENT FILING DATE: 2002-06-21  
PRIOR APPLICATION NUMBER: 60/299,460  
PRIOR FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 10  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Complementary  
OTHER INFORMATION: probe  
FEATURE:  
OTHER INFORMATION: Complementary probe that binds specifically to  
US-10-176-055-10  
Query Match 0.3%; Score 22.8; DB 1; Length 30;  
Best Local Similarity 92.3%; Pred. No. 1.1e+02;  
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
CY 4461 GACTTTTCTTTTCTTC 4486  
DB 3 GAGTTTTTTTTTTTCTC 28  
RESULT 34  
US-09-263-959-825  
Sequence 825, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Seed and Berry LLP  
STREET: 6100 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaeters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 928010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 825:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 33 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-263-959-825  
Query Match 0.3%; Score 22.8; DB 1; Length 33;  
Best Local Similarity 92.3%; Pred. No. 1.3e+02;  
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
CY 4464 TTTTCTTTTCTGCTG 4489  
DB 8 TTTTCTTTTCTTTTCTG 33  
RESULT 35  
US-09-282-734-3/c  
Sequence 3, Application US/09282734A  
Publication No. US20020182597A1  
GENERAL INFORMATION:  
APPLICANT: Robert G. Kuimelis et al.  
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
FILE REFERENCE: 50036/009002  
CURRENT APPLICATION NUMBER: US/09/282,734A  
CURRENT FILING DATE: 1999-03-03  
EARLIER APPLICATION NUMBER: 60/080,686  
EARLIER FILING DATE: 1998-04-03  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide used for attaching puromycin  
US-09-282-734-3  
Query Match 0.3%; Score 22.6; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1.2e+02;  
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
CY 4460 GCACTTTTCTTTTCTT 4488  
DB 29 GGTTTTTTTTTTTTTTTT 1

RESULT 36  
US-09-876-235-8/c  
Sequence 8, Application US/09876235  
Publication No. US2003002236A1  
GENERAL INFORMATION:  
APPLICANT: Roberts, Richard W.  
APPLICANT: Szoestak, Jack W.  
APPLICANT: Liu, Rih  
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
FILE REFERENCE: 00786/350005  
CURRENT APPLICATION NUMBER: US/09/876,235  
CURRENT FILING DATE: 2001-06-06  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963  
PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491  
PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 8  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Translation template  
US-09-876-235-8

	Query Match	0.3%	Score 22.6	DB 1	Length 29;
	Best Local Similarity	86.2%	Pred. No. 1.2e+02;		
	Matches 25; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;
OY	4460 GGACTTTTTTTTTTTTTTTTGTCTT	4488			
b	29 GGGTTTTTTTTTTTTTTTTTTTTTTT	1			

RESULT 37  
US-10-348-627-3/C  
Sequence 3, Application US/10348627  
Publication No. US20030143616a1  
GENERAL INFORMATION:  
APPLICANT: Robert G. Kuinellis et al.  
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
FILE REFERENCE: 50036/009002  
CURRENT APPLICATION NUMBER: US/10-348,627  
CURRENT FILING DATE: 2003-01-22  
PRIOR APPLICATION NUMBER: US/09/282,734A  
PRIOR FILING DATE: 1999-03-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide used for attaching puromycin  
US-10-348-627-3

```

Only Match      0.3%   Score 22.6; DB 1; Length 29;
Best Local Similarity 86.2%   Pred. No.1.2e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTTTTTTGGCTTT 4488
      |||||
      29 GGTTTTTTTTTTTTTTTTTT 1

```

```

RESULT 38
US-10-057-783A-41/C
; Sequence 41, Application US/10057783A
; Publication No. US20040091955A1
; GENERAL INFORMATION:
; APPLICANT: Forster, Anthony C.
; TITLE OF INVENTION: Process and compositions for peptide, protein and
; TITLE OF INVENTION: peptidomimetic synthesis
; FILE REFERENCE: 1
; CURRENT APPLICATION NUMBER: US/10/057,783A
; CURRENT FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:FROM SYNTHETIC
; US-10-057-783A-41

```

Query Match	0.3%	Score 22.6	DB 1	Length 29
Best Local Similarity	86.2%	Pred. No. 1.2e+02		
Matches	25	Conservative	0	Mismatches 4; Indels 0; Gaps 0;
QY	4460	GGACTTTTTTTTTTTTTTTTGTCTT	4488	
	29	GGTTTTTTTTTTTTTTTTTTTTTTT	1	

```

RESULT 39
US-10-194-138-14/c
/ Sequence 14, Application US/10194138
/ Publication No. US20030082588A1
/ GENERAL INFORMATION:
/ APPLICANT: Nanosphere, Inc.
/ APPLICANT: Garimella, Viswanadham
/ TITLE OF INVENTION: Method For Immobilizing Molecules onto Surfaces
/ FILE REFERENCE: 01-897-B
/ CURRENT APPLICATION NUMBER: US/10/194,138
/ CURRENT FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: 60/353472
/ PRIOR FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 60/305369
/ PRIOR FILING DATE: 2001-07-13
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 14
/ LENGTH: 31
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide probe modified with gold nanoparticle
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: n is a deoxyadenosine residue modified in 5' with an epiandroster
/ OTHER INFORMATION: one disulfide-gold nanoparticle-epiandrosterone disulfide conjuga
/ OTHER INFORMATION: te
US-10-194-138-14

```

	Query Match	0.3%; Score 22.6; DB 1;	Length 31;
	Best Local Similarity	86.2%; Pred. No. 1.3e+02;	
Matches	Conservative	0; Mismatches 4; Indels 0; Gaps 0;	
Oy			
	4455 GGCGTGGACATTTTTTTT           TTTTTTTTTT	4483	
bdb			
	31 GGCGAGCAATAAAAAAAAAA             TTTTTTTTTT	3	

```

RESULT 40
US-10-309-788-10
/ Sequence 10, Application US/10309788
/ Publication No. US20030211466A1
/ GENERAL INFORMATION:
/ APPLICANT: Keene, Jack D.
/ APPLICANT: Tenenbaum, Scott A.
/ APPLICANT: Carson, Craig C.
/ APPLICANT: Phelps, William C.
/ TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target
/ FILE REFERENCE: RBN-001CP
/ CURRENT APPLICATION NUMBER: US/10/309,788
/ CURRENT FILING DATE: 2003-06-18
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2000-12-28
/ NUMBER OF SEQ ID NOS: 38
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 10
/ LENGTH: 32
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR consensus sequence of GADD45
US-10-309-788-10

```

```

Query Match      0.3%; Score 22.2; DB 1; Length 32;
Best Local Similarity 11.1%; Pred. No. 1.6e+02;
Matches 3; Conservative 21; Mismatches 3; Indels 0; Gaps 0;
OY 4464 TTTTTCCTTGA 4490
      ::::: :::::

```



Db 5 UUUUUUUUUUUUUUUUGGUCUUUA 31

RESULT 41  
US-10-238-306B-10  
; Sequence 10, Application US/10238306B  
; Publication No. US20030235830A1  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Tenenbaum, Scott A.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
; TITLE OF INVENTION: complexes  
; FILE REFERENCE: RBN-001CN  
; CURRENT APPLICATION NUMBER: US/10/238,306B  
; CURRENT FILING DATE: 2002-09-10  
; PRIOR APPLICATION NUMBER: US 09/750,401  
; PRIOR FILING DATE: 2001-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 32  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3' -UTR sequence of GADD45  
US-10-238-306B-10

Query Match 0.3%; Score 22.2; DB 1; Length 32;  
Best Local Similarity 11.1%; Pred. No. 1.6e+02;  
Matches 3; Conservative 21; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTGTGCTTGA 4490  
Db 5 UUUUUUUUUUUUUUGGUCUUUA 31

RESULT 42  
US-10-629-453-10  
; Sequence 10, Application US/10629453  
; Publication No. US20040096878A1  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Carson, Craig C.  
; APPLICANT: Tenenbaum, Scott A.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
; TITLE OF INVENTION: complexes  
; FILE REFERENCE: RBN-001DV  
; CURRENT APPLICATION NUMBER: US/10/629,453  
; CURRENT FILING DATE: 2003-07-29  
; PRIOR APPLICATION NUMBER: US 09/750,401  
; PRIOR FILING DATE: 2000-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 32  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3 -UTR sequence of GADD45  
US-10-629-453-10

Query Match 0.3%; Score 22.2; DB 1; Length 32;  
Best Local Similarity 11.1%; Pred. No. 1.6e+02;  
Matches 3; Conservative 21; Mismatches 3; Indels 0; Gaps 0;

Qy 4464 TTTTGTGCTTGA 4490  
Db 5 UUUUUUUUUUUUUUGGUCUUUA 31

RESULT 43  
US-09-940-227-47  
; Sequence 47, Application US/09940227  
; Publication No. US20030017468A1  
; GENERAL INFORMATION:  
; APPLICANT: Chen, Sei Yu  
; APPLICANT: Macina, Roberto  
; APPLICANT: Sun, Yongming  
; APPLICANT: Recipon, Hervé  
; TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific  
; TITLE OF INVENTION: Genes  
; FILE REFERENCE: DEX-0230  
; CURRENT APPLICATION NUMBER: US/09/940,227  
; CURRENT FILING DATE: 2001-08-27  
; PRIOR APPLICATION NUMBER: 60/228,378  
; PRIOR FILING DATE: 2000-08-28  
; NUMBER OF SEQ ID NOS: 84  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 47  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-940-227-47

Query Match 0.3%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5514 CCGACCTTGAGATTATTCCTGT 5535  
Db 1 CCGACCTTGAGATTATTCCTGT 22

RESULT 44  
US-09-848-754A-9122  
; Sequence 9122, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat  
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
; FILE REFERENCE: MEB00-958-1 (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9122  
; LENGTH: 23  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid  
US-09-848-754A-9122

Query Match 0.3%; Score 22; DB 1; Length 23;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7414 AGCAGCAGCAGCAGCAGCA 7435  
Db 1 AGCAGCAGCAGCAGCAGCA 22

RESULT 45  
US-09-848-754A-9375/C  
; Sequence 9375, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MH800-958-I (400/018) 754A
; CURRENT APPLICATION NUMBER: US/09/848,754A
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9375
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
; LOCATION: (1)..(1)
; NAME/KEY: misc feature
; OTHER INFORMATION: n stands for inverted deoxyabasic derivative
; LOCATION: (25)..(25)
; NAME/KEY: misc feature
; OTHER INFORMATION: n stands for inverted deoxyabasic derivative
; LOCATION: (2)..(8)
; OTHER INFORMATION: 2'-O-Methyl
; NAME/KEY: misc feature
; LOCATION: (18)..(24)
; OTHER INFORMATION: 2'-O-Methyl
; NAME/KEY: misc feature
; LOCATION: (9)..(17)
; OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
; US-09-848-754A-9375
```

```
Query Match          0.3%; Score 22; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 7414 AGCAGCAGCAGCAGCAGCAGCA 7435

Db 24 AGCAGCAGCAGCAGCAGCAGCA 3

```
RESULT 46
US-09-922-480-6
; Sequence 6, Application US/09922480
; Patent No. US20020081701A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,480
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-922-480-6
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

QY 4464 TTTTGTCTGCTTG 4489

Db 1 TTTTGTCTGCTTTT 26

RESULT 47  
US-09-923-236-6

```
; Sequence 6, Application US/09923236
; Patent No. US20020090677A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-923-236-6
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

QY 4464 TTTTGTCTGCTTG 4489

Db 1 TTTTGTCTGCTTTT 26

```
RESULT 48
US-09-922-469-6
; Sequence 6, Application US/09922469
; Patent No. US20020173027A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-922-469-6
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

QY 4464 TTTTGTCTGCTTG 4489

Db 1 TTTTGTCTGCTTTT 26

```
RESULT 49
US-10-039-876A-10
; Sequence 10, Application US/10039876A
; Publication No. US20030032792A1
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Blumberg, Hal
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63C1
; CURRENT APPLICATION NUMBER: US/10/039,876A
; CURRENT FILING DATE: 2001-10-26
```

```
; PRIOR APPLICATION NUMBER: US 60/061,712
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: US 09/167,513
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-10-039-876A-10
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 4464 TTTTGTGCTTG 4489
Db 1 TTTTGTGCTTG 26
```

```
RESULT 50
US-10-196-703-43
; Sequence 43, Application US/10196703
; Publication No. US20030055019A1
; GENERAL INFORMATION:
; APPLICANT: Shinkens, Richard A.
; TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for
; FILE REFERENCE: 15966-527
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/10/196,703
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25-V
US-10-196-703-43
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 4464 TTTTGTGCTTG 4489
Db 1 TTTTGTGCTTG 26
```

```
RESULT 51
US-10-352-253A-36
; Sequence 36, Application US/10352253A
; Publication No. US20030175508A1
; GENERAL INFORMATION:
; APPLICANT: Linnarsson, Sten
; APPLICANT: Ernforss, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metels, Ate
; APPLICANT: Pihlak, Arto
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT FILING DATE: US/10/352,253A
; PRIOR APPLICATION NUMBER: 2003-01-28
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: (26)
; OTHER INFORMATION: v is a, c or g
US-10-352-253A-36
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 4464 TTTTGTGCTTG 4489
Db 1 TTTTGTGCTTG 26
```

```
RESULT 52
US-10-224-289-20
; Sequence 20, Application US/10224289
; Publication No. US20030207288A1
; GENERAL INFORMATION:
; APPLICANT: LEWIN, DAVID A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; FILE REFERENCE: 9800081-0085
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US/10/224,289
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-224-289-20
```

```
Query Match          0.3%; Score 22; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 1.3e+02;
Matches 23; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 4464 TTTTGTGCTTG 4489
Db 1 TTTTGTGCTTG 26
```

```
RESULT 53
US-10-071-214-42
; Sequence 42, Application US/10071214
; Publication No. US2003006099A1
; GENERAL INFORMATION:
; APPLICANT: HANSSON, Lennart
; APPLICANT: EGBLUD, Torbjorn
; TITLE OF INVENTION: SCCE MODIFIED TRANSGENIC MAMMALS AND THEIR USE AS MODELS OF HUMA
; FILE REFERENCE: HANSSON-3A
; CURRENT FILING DATE: US/10/071,214
; PRIOR APPLICATION NUMBER: 2002-02-11
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: DK PA 2001 00218
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 50
```

```

? SOFTWARE: PatentIn version 3.1
? SEQ ID NO: 42
? LENGTH: 27
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: 5'-RACE cDNA synthesis primer
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (27)..(27)
? OTHER INFORMATION: n is a o r g o r t
? US-10-071-214-42

```

Query Match	0.3%	Score 22	DB 1	Length 27
Best Local Similarity	88.5%	Pred. No. 1.3e+02		
Matches 23	Conservative 1	Mismatches 2	Indels 0	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTTTTTTTTTGTCCTTG	4489
			:
Db	1	TTTTTTTTTTTTTTTTTTTTTTTTTTTTT	26

```

RESULT 54
US-10-102-720-18
/ Sequence 18, Application US/10102720
/ Publication No. US20030152937A1
/ GENERAL INFORMATION:
/ APPLICANT: Brandel, Kurt
/ APPLICANT: Brandel, Joachim
/ TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX
/ FILE REFERENCE: 101614-00014
/ CURRENT APPLICATION NUMBER: US/10/102,720
/ CURRENT FILING DATE: 2002-03-22
/ PRIOR APPLICATION NUMBER: 09/325,554
/ PRIOR FILING DATE: 1999-06-04
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: Patent-In version 3.1
/ SEQ ID NO 18
/ LENGTH: 27
/ TYPE: DNA
/ ORGANISM: Mycobacterium tuberculosis
/ FEATURE:
/ NAME/KEY: misc signal
/ LOCATION: (27)-(27)
/ OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
US-10-102-720-18

```

```
Query March 0.3%; Score 22; DB 1; Length 27;  
Best Local Similarity 91.7%; Pred. No. 1.3e+02;  
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0.  
  
QY 4464 TTTTTTTTTTTTTTTTGTCT 4487  
|||||  
|||  
bb 4 TTTTTTTTTTTTTTTTTT 27  
|||||
```

RESULT 55  
US-09-801-274-1211/c  
Sequence 1211, Application US/09801274  
Patent No. US20020032319A1  
GENERAL INFORMATION:  
APPLICANT: Cargill, Michele  
APPLICANT: Ireland, James S.  
APPLICANT: Landey, Eric S.  
TITLE OR INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
FILE REFERENCE: 2825.2009-001  
CURRENT APPLICATION NUMBER: US/09/801,274  
CURRENT FILING DATE: 2001-03-07  
PRIOR APPLICATION NUMBER: US 60/187,510  
PRIOR FILING DATE: 2000-03-07  
PRIOR APPLICATION NUMBER: US 60/206,129  
PRIOR FILING DATE: 2000-05-22

```

: NUMBER OF SEQ ID NOS: 1802
: SOFTWARE: FASTSEQ FOR Windows Version 4.0
: SEQ ID NO 1211
: LENGTH: 31
: TYPE: DNA
: ORGANISM: Homo sapiens
US-03-801-274-1211

```

Query Match	0.3%	Score 22	DB 1	Length 31
Best Local Similarity	91.7%	Pred. No.	1.6e+02	
Matches 22	Conservative 1	Mismatches 1	Indels 0	Gaps 0

```

QY      7413 CAGCAGCAGCAGCAGCAGCAGCAC 7436
          |||||:|||||
Db      30 CAGCAGCAGCAGCAGCAGCAGCAC 7

```

```

RESULT 56
US-09-853-646-4/C
: Sequence 4, Application US/09853646
: Patent No. US2002005106al
: GENERAL INFORMATION:
: APPLICANT: Nicolaidis, Nicholas
: APPLICANT: Saes, Philip
: APPLICANT: Grasso, Luigi
: APPLICANT: Kintzler, Kenneth
: APPLICANT: Vogelstein, Bert
: TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
: TITLE OF INVENTION: ORGANISMS
: FILE REFERENCE: 01107.00138
: CURRENT APPLICATION NUMBER: US/09/853,646
: CURRENT FILING DATE: 2001-05-14
: PRIOR APPLICATION NUMBER: 60/204,769
: PRIOR FILING DATE: 2000-05-17
: NUMBER OF SEQ ID NOS: 4
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 4
: LENGTH: 25
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Recombinant DNA
US-09-853-646-4

```

Query	March	0.3%	Score 21.8	DB 1	Length 25
	Similarity	92.0%	Pred. No. 1.3e+02		
Db	Best Local				
	Matches 23	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Qy	4464	TTTTTTTTTTTTTTTTTGTCTT	4488		
	25	TTTTTTTTTTTTTTTTTGGCCAT	1		

```

RESULT 57
US-09-282-734-23
,, Sequence 23, Application US/09282734A
,, Publication NO. US2002018257A1
,, GENERAL INFORMATION:
,, APPLICANT: Robert G. Kuimelis et al.
,, TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
,, FILE REFERENCE: 50036/009002
,, CURRENT APPLICATION NUMBER: US/09/282,734A
,, CURRENT FILING DATE: 1999-03-03
,, EARLIER APPLICATION NUMBER: 60/080,686
,, EARLIER FILING DATE: 1998-04-03
,, NUMBER OF SEQ ID NOS: 29
,, SOFTWARE: FastSeq for Windows Version 3.0
,, SEQ ID NO 23
,, LENGTH: 25
,, TYPE: DNA
,, ORGANISM: Artificial Sequence
FEATURE:
,, OTHER INFORMATION: Capture probe sequence

```



QY 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 62  
US-10-224-289-11  
; Sequence 11, Application US/10224289  
; Publication No. US20030207288A1  
; GENERAL INFORMATION:  
; APPLICANT: LEWIN, DAVID A.  
; APPLICANT: STEWART, TIMOTHY A.  
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND  
; FILE REFERENCE: 9800081-0085  
; CURRENT APPLICATION NUMBER: US/10/224,289  
; PRIOR FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: 60/313,940  
; PRIOR FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-224-289-11

Query Match 0.3%; Score 21.8; DB 1; Length 25;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 63  
US-09-853-646-3/C  
; Sequence 3, Application US/09853646  
; Patent No. US20020055106A1  
; GENERAL INFORMATION:  
; APPLICANT: Nicolaidis, Nicholas  
; APPLICANT: Sasse, Philip  
; APPLICANT: Grassio, Luigi  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE  
; TITLE OF INVENTION: ORGANISMS  
; FILE REFERENCE: 01107.00138  
; CURRENT APPLICATION NUMBER: US/09/853,646  
; CURRENT FILING DATE: 2001-05-14  
; PRIOR APPLICATION NUMBER: 60/204,769  
; PRIOR FILING DATE: 2000-05-17  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Recombinant DNA  
US-09-853-646-3

Query Match 0.3%; Score 21.8; DB 1; Length 26;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

Db 25 TTTTGTCTT 1

RESULT 64  
US-09-922-480-7  
; Sequence 7, Application US/09922480  
; Patent No. US20020081701A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/922,480  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-922-480-7

Query Match 0.3%; Score 21.8; DB 1; Length 26;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 65  
US-09-923-236-7  
; Sequence 7, Application US/09923236  
; Patent No. US20020090677A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/923,236  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-923-236-7

Query Match 0.3%; Score 21.8; DB 1; Length 26;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 66  
US-09-923-246-38  
; Sequence 38, Application US/09923246  
; Patent No. US20020128446A1  
; GENERAL INFORMATION:  
; APPLICANT: No. US20020128446A1ak, Julia E.

```

APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/923,246
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,504
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: PasteSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

```

Query Match	0.3%	Score 21.8	DB 1	Length 26
Best Local	Similarity 92.0%	Pred. No. 1.4e+02		
Matches 23	Conservative 0	Mismatches 2	Indels 0	Gaps 0
QY	4464	TTTTTTTTTTTTTTTTTGGCTT	4488	
Db	1	TTTTTTTTTTTTTTTTTTTTTTT	25	

```
Oy      4464  TTTT|TTTTTTTTTTTTTTTT|CTGT 4488
          |||||
Db      1  TTTT|TTTTTTTTTTTTTTTT|TTT 25
          |||||

RESULT 69
US-09-922-469-7
; Sequence 7, Application US/09922469
; Patent No. US20020173027A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-469-7
```

[illegible]

```

RESULT 70
US-09-092-296-10
; Sequence 10, Application US/09092296
; Publication No. US20020188114A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: KLAAS, MICHAEL R.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE LUNG
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,296
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/048,810
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6104.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-092-296-10

Query Match 0.3%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTTGCTT 4488
Db 1 TTTTTTTTTTTTTTTTTTTTTT 25

RESULT 71
US-09-949-305B-4
; Sequence 4, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Shi-Lung
; APPLICANT: YING, Shao-Yao
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; TITLE OF INVENTION: Generation of Related Peptides Thereof
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07

```

[illegible]



```

; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0.6
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-143-266-3

```

Query Match	0.3%	Score 21.8	DB 1	length 26
Best Local Similarity	92.0%	Pred. No. 1.4e+02		
Matches 23	Conservative 0	Mismatches 2	Indels 0	Gaps 0

```

QY      5793  TGCCTGCCTGCCTGCCTGTCCTGCT 5817
          |||||
Db      1  TGTCTGCCTGTCCTGCCTGTCCT 25

```

```

RESULT 74
US-10-053-883-53
Sequence 53, Application US/10053883
Publication No. US20030113797A1
GENERAL INFORMATION:
APPLICANT: PEDERSEN, Morten Lorentz
TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
FILE REFERENCE: PEDERSENA-1A
CURRENT APPLICATION NUMBER: US/10/053,883
CURRENT FILING DATE: 2002-01-02
PRIOR APPLICATION NUMBER: PA 2001 00126
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/267,704
PRIOR FILING DATE: 2001-02-12
NUMBER OF SEQ ID NOS: 148
SOFTWARE: Patentin version 3.1
SEQ ID NO 53
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic
US-10-053-883-53

```

Query Match	0.3%	Score 21.8	DB 1	Length 26
Best Local Similarity	92.0%	Pred. No. 1.4e+02		
Matches	23	Conservative	0	Mismatches 2
				Indels 0
				Gaps 0
QY	4464	TTTTTTTTTTTTTTTTTGGCTT	4488	
DB	1	TTTTTTTTTTTTTTTTTTTTTTT	25	

RESULT 75 US-10-295-723-38  
 ? Sequence 38, Application US/10295723  
 ? Publication No. US20030125524A1  
 ? GENERAL INFORMATION:  
 ? APPLICANT: No. US20030125524A1ak, Julia E.  
 ? APPLICANT: Preenell, Scott R.  
 ? APPLICANT: Sprecher, Cindy A.  
 ? APPLICANT: Foster, Donald C.  
 ? APPLICANT: Holly, Richard D.  
 ? APPLICANT: Groesb, Jane A.  
 ? APPLICANT: Johnston, Janet V.  
 ? APPLICANT: Nelson, Andrew J.  
 ? APPLICANT: Dillon, Stacey R.  
 ? APPLICANT: Hammond, Angela K.  
 ? TITLE OF INVENTION: NOVEL CYTOKINE ZALPAA11 LIGAND  
 ? FILE REFERENCE: 99-16  
 ? CURRENT APPLICATION NUMBER: US/10-295, 723  
 ? CURRENT FILING DATE: 2002-11-15  
 ? PRIOR APPLICATION NUMBER: 09/522, 217  
 ? PRIOR FILING DATE: 2000-03-09  
 ? PRIOR APPLICATION NUMBER: US 60/123,547

```

: PRIOR FILING DATE: 1999-03-09
: PRIOR APPLICATION NUMBER: US 60/123,904
: PRIOR FILING DATE: 1999-03-11
: PRIOR APPLICATION NUMBER: US 60/142,013
: PRIOR FILING DATE: 1999-07-01
: NUMBER OF SEQ ID NOS: 115
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 38
: LENGTH: 26
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Oligonucleotide primer ZC7764a4a
US-10-295-723-38

```

Query Match	0.3%	Score 21.8;	DB 1;	Length 26;
Best Local Similarity	92.0%	Pred. No. 1.4e+02;		
Matches 23;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

[illegible]

```

RESULT 76
US-10-295-723-39
Sequence 39, Application US/10295723
Publication No. US20030125524A1
GENERAL INFORMATION:
APPLICANT: No. US20030125524A1ak, Julia E.
APPLICANT: Preenell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: PaeLSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC776444-39
US-10-295-723-39

```

```

Query Match          0.3%   Score 21.8; DB 1      Length 26;
Beet local similarity 92.0%; Pred. No. 1.4e+02;
Matches    23; Conservative    0; Mismatches    2; Indels    0; Gaps    0;

QY :      4464 TTTTTTTTTTTTTTTTTTGTCTTT 4488
           |||||
Db       1 TTTTTTTTTTTTTTTTTTTTTTTTTT 25

RESULT 77
US-10-659-684-38
; Sequence 38, Application US/10659684
```

```

Publication No. US20040110932A1
GENERAL INFORMATION:
APPLICANT: Novak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Grose, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALEPLIN LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/659,684
CURRENT FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-659-684-38

```

[illegible]

```

; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39

```

```
Query Match      0.3%   Score 21.8; DB 1; Length 26;
Best Local Similarity 97.0%; Pred. No. 1,4+081;
Matches    23; Conservative    0; Mismatches    2; Indels    0; Gaps    0;
```

```

RESULT 79
US-09-888-326-842
? Sequence 842, Application US/09888326
? Publication No. US20030026801A1
? GENERAL INFORMATION:
? APPLICANT: Weiner, George
? APPLICANT: Hartmann, Gunther
? TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
? TITLE OF INVENTION: Cell Lysis and Treating Cancer
? FILE REFERENCE: C1039/7052 (AMS)
? CURRENT APPLICATION NUMBER: US/09/888,326
? CURRENT FILING DATE: 2001-06-22
? PRIOR APPLICATION NUMBER: US 60/213,346
? PRIOR FILING DATE: 2000-06-22
? NUMBER OF SEQ ID NOS: 848
? SOFTWARE: FastSeq For Windows Version 3.0
? SEQ ID NO 842
? LENGTH: 27
? TYPE: DNA
? ORGANISM: Artificial Sequence
FEATURE:
? OTHER INFORMATION: Synthetic oligonucleotide
? NAME/KEY: misc_feature
? LOCATION: (0)...(0)
? OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-842

```

```

Query Match      0.3%; Score 21.8; DB 1; Length 27;
Best Local Similarity 92.0%; Pred. NO. 1.e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      4464 TTTTTCCTTCTT 4488
          |||||
Db       1 TTTTTTTTTTTTTTTTTTTT 25

RESULT 80
US-09-781-693A-16
; Sequence 16, Application US/09781693A
; Publication No. US20030054438b1
; GENERAL INFORMATION:
; APPLICANT: Chang, Tai-Jay
; TITLE OF INVENTION: ANDROGEN RECEPTOR COMPLEX-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: 11709-003001
; CURRENT APPLICATION NUMBER: US/09/781.693A
; CURRENT FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/262,312
; PRIOR FILING DATE: 2001-01-17
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature

```

LOCATION: (1)...(27)  
OTHER INFORMATION: n = A,T,C or G  
OTHER INFORMATION: synthetically generated primer  
US-09-781-693A-16

Query Match 0.3%; Score 21.8; DB 1; Length 27;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 81  
US-09-776-479-911  
Sequence 911, Application US/09776479  
Publication No. US20030087848A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
TITLE OF INVENTION: Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US/09/776,479  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 911  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-911

Query Match 0.3%; Score 21.8; DB 1; Length 27;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 82  
US-09-776-479-911  
Sequence 911, Application US/09776479  
Publication No. US20040067902A9  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
TITLE OF INVENTION: Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US/09/776,479  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 911  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-911

Query Match 0.3%; Score 21.8; DB 1; Length 27;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 83  
US-10-406-031-32  
Sequence 32, Application US/10406031  
Publication No. US20040043017A1  
GENERAL INFORMATION:  
APPLICANT: Maeci, Paul Pantaleone  
APPLICANT: De Jersey, John  
TITLE OF INVENTION: PROTHROMBIN ACTIVATING PROTEIN  
FILE REFERENCE: 15685-002001  
CURRENT FILING DATE: 2003-04-02  
PRIOR APPLICATION NUMBER: AU 2003901033  
PRIOR FILING DATE: 2003-03-07  
PRIOR APPLICATION NUMBER: AU P51483  
PRIOR FILING DATE: 2002-04-03  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 32  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 26  
OTHER INFORMATION: n = a, g, or c  
NAME/KEY: misc\_feature  
LOCATION: 27  
OTHER INFORMATION: n = a, c, g, or t  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-406-031-32

Query Match 0.3%; Score 21.8; DB 1; Length 27;  
Best Local Similarity 92.0%; Pred. No. 1.4e+02;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTT 4488  
Db 1 TTTTGTCTT 25

RESULT 84  
US-10-314-578-911  
Sequence 911, Application US/10314578  
Publication No. US20030212026A1  
GENERAL INFORMATION:  
APPLICANT: Krieg, Arthur M.  
APPLICANT: Schetter, Christian  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
FILE REFERENCE: C1039/7035 (HCL/MAT)  
CURRENT FILING DATE: 2002-12-09  
PRIOR APPLICATION NUMBER: US/10/314,578  
PRIOR FILING DATE: 1999-09-25  
PRIOR APPLICATION NUMBER: US 60/156,113  
PRIOR FILING DATE: 1999-09-27  
PRIOR APPLICATION NUMBER: US 60/156,135  
PRIOR FILING DATE: 1999-09-27  
PRIOR APPLICATION NUMBER: US 60/227,436  
PRIOR FILING DATE: 2000-08-23  
NUMBER OF SEQ ID NOS: 1145  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 911

Query Match	0.3%;	Score 21.8;	DB 1;	Length 27;
Best Local Similarity	92.0%;	Pred. No. 1.4e+02;		

QY	4459	TCGAC	TTTTTTTTTTTTTTTTTTTTTTTTTTT	4483
Db	4	TCGAC	TTTTTTTTTTTTTTTTTTTTTTTTTTT	28

[illegible]

```

GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ. ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1094
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1094

Query Match
Best Local Similarity 92.0%; Score 21.8; DB 1; Length 30;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488
DB 1 TTTTGTCTT 25

RESULT 91
US-10-314-578-1095/c
Sequence 1095, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1095
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1095

Query Match
Best Local Similarity 92.0%; Score 21.8; DB 1; Length 30;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTCTT 4488
DB 30 TTTTGTCTT 6

```

```
/ Publication No. US20020192670A1
/ GENERAL INFORMATION:
/ APPLICANT: TAKUNAGA, TAKUMI
/ APPLICANT: ISHIGURO, TAKAHIKO
/ APPLICANT: HORIE, RYUICHI
/ TITLE OF INVENTION: NOVEL FLOURDESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
/ FILE REFERENCE: 218077US0
/ CURRENT APPLICATION NUMBER: US/10/042,193A
/ PRIOR FILING DATE: 2002-01-11
/ PRIOR APPLICATION NUMBER: JP 2001-003432
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-1

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      1 TTTTGTCTT 25

RESULT 93
US-10-042-193A-2/c
/ Sequence 2, Application US/10042193A
/ Publication No. US20020192670A1
/ GENERAL INFORMATION:
/ APPLICANT: TAKUNAGA, TAKUMI
/ APPLICANT: ISHIGURO, TAKAHIKO
/ APPLICANT: HORIE, RYUICHI
/ TITLE OF INVENTION: NOVEL FLOURDESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
/ FILE REFERENCE: 218077US0
/ CURRENT APPLICATION NUMBER: US/10/042,193A
/ CURRENT FILING DATE: 2002-01-11
/ PRIOR APPLICATION NUMBER: JP 2001-003432
/ PRIOR FILING DATE: 2001-01-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-2

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      30 TTTTGTCTT 6

RESULT 94
US-10-380-584-115
/ Sequence 115, Application US/10380584
/ Publication No. US20040014088A1
/ GENERAL INFORMATION:
/ APPLICANT: Utermohlen, Joseph
/ APPLICANT: Connaughton, John
/ TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Prc
/ FILE REFERENCE: 355/001/PCT
```

```
/ CURRENT APPLICATION NUMBER: US/10/380,584
/ CURRENT FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: 60/233,177
/ PRIOR FILING DATE: 2000-09-15
/ NUMBER OF SEQ ID NOS: 126
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 115
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide probe
US-10-380-584-115

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      1 TTTTGTCTT 25

RESULT 95
US-10-472-055-2
/ Sequence 2, Application US/10472055
/ Publication No. US20040161764A1
/ GENERAL INFORMATION:
/ APPLICANT: GABERT, JEAN
/ APPLICANT: BEILLARD, EMMANUEL
/ TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE IN THE
/ TITLE OF INVENTION: QUANTIFICATION OF NUCLEOTIDE SEQUENCES OF INTEREST
/ FILE REFERENCE: 1330-03
/ CURRENT APPLICATION NUMBER: US/10/472,055
/ CURRENT FILING DATE: 2003-09-15
/ NUMBER OF SEQ ID NOS: 2
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 2
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-472-055-2

Query Match          0.3%; Score 21.8; DB 1; Length 30;
Best Local Similarity 92.0%; Pred. No. 1.7e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4464 TTTTGTCTT 4488
Db      1 TTTTGTCTT 25

RESULT 96
US-10-371-600-2
/ Sequence 2, Application US/10371600
/ Publication No. US20030180776A1
/ GENERAL INFORMATION:
/ APPLICANT: WU, MING
/ APPLICANT: ULLMAN, EDWIN F.
/ TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
/ FILE REFERENCE: 3817.10-2
/ CURRENT APPLICATION NUMBER: US/10/371,600
/ CURRENT FILING DATE: 2003-05-19
/ PRIOR APPLICATION NUMBER: 60/359,223
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: 60/379,360
/ PRIOR FILING DATE: 2002-05-08
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 2
```

```

; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-2
Query Match      0.3%; Score 21.8; DB 1; Length 32;
Best Local Similarity 92.0%; Pred. No. 1.9e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGCTT 4488
DB 1 TTTTGTGCTT 25

RESULT 97
US-10-371-600-9/c
; Sequence 9, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-9
Query Match      0.3%; Score 21.8; DB 1; Length 32;
Best Local Similarity 92.0%; Pred. No. 1.9e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGCTT 4488
DB 32 TTTTGTGCTT 8

RESULT 98
US-10-371-600-10
; Sequence 10, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-371-600-10
Query Match      0.3%; Score 21.8; DB 1; Length 32;
Best Local Similarity 92.0%; Pred. No. 1.9e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTGTGCTT 4488
DB 1 TTTTGTGCTT 25

RESULT 99
US-10-217-914-4/c
; Sequence 4, Application US/10217914
; Publication No. US20030013160A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/10/217,914
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 09/648,040
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-10-217-914-4
Query Match      0.3%; Score 21.6; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.8e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4460 GGACTTTTGTGCTT 4488
DB 30 GGACTTTTGTGCTT 2

RESULT 100
US-09-942-310-52/c
; Sequence 52, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Anderson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaisson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GC119.1US
; CURRENT APPLICATION NUMBER: US/09/942,310
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
```

US-09-942-310-52

Query Match 0.3%; Score 21.4; DB 1; Length 25;  
Best Local Similarity 95.7%; Pred. No. 1.5e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTTCTTGT 4485  
Db 25 CTTTCTTTTCTTTTCTTTTCTTGT 3

RESULT 101

US-09-942-310-59  
; Sequence 59, Application US/09942310  
; Publication No. US20030044797A1  
; GENERAL INFORMATION:  
; APPLICANT: Riesinger, Carl  
; APPLICANT: Andersson, Maria K.  
; APPLICANT: Lewander, Tommy  
; APPLICANT: Olaisson, Erik  
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms  
; FILE REFERENCE: GC119.1US  
; CURRENT APPLICATION NUMBER: US/09/942.310  
; CURRENT FILING DATE: 2001-08-29  
; PRIOR APPLICATION NUMBER: GB 0021286.0  
; PRIOR FILING DATE: 2000-08-30  
; NUMBER OF SEQ ID NOS: 77  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 59  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-942-310-59

Query Match 0.3%; Score 21.4; DB 1; Length 25;  
Best Local Similarity 95.7%; Pred. No. 1.5e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTCTTTTCTTTTCTTTTCTTGT 4485  
Db 1 CTTTCTTTTCTTTTCTTTTCTTGT 23

RESULT 102

US-09-997-931-5/C  
; Sequence 5, Application US/0997931  
; Publication No. US20030087241A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Rochester  
; APPLICANT: Koel, Eric  
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA  
; FILE REFERENCE: 220.00010142  
; CURRENT APPLICATION NUMBER: US/09/997.931  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US 09/569,344  
; PRIOR FILING DATE: 2000-05-11  
; PRIOR APPLICATION NUMBER: US 08/805,631  
; PRIOR FILING DATE: 1997-02-26  
; PRIOR APPLICATION NUMBER: US 08/393,439  
; PRIOR FILING DATE: 1995-02-23  
; PRIOR APPLICATION NUMBER: US 08/047,860  
; PRIOR FILING DATE: 1993-04-15  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: circular template  
US-09-997-931-5

Query Match 0.3%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.7e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTTCTTGT 4489  
Db 26 TTTTCTTTTCTTTTCTTTTCTTGT 1

RESULT 103

US-10-336-638-152  
; Sequence 152, Application US/1033638  
; Publication No. US20030170699A1  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/10/336.638  
; CURRENT FILING DATE: 2003-01-02  
; PRIOR APPLICATION NUMBER: US/09/304.232  
; PRIOR FILING DATE: 1999-05-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 152  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOA4 3058  
US-10-336-638-152

Query Match 0.3%; Score 21.2; DB 1; Length 29;  
Best Local Similarity 82.1%; Pred. No. 2e+02;  
Matches 23; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 7405 AGCAACATCAGCAGCAGCAGCAGCA 7432  
Db 2 AGCAGGACAGCAGCAGCAGCAGCA 29

RESULT 104

US-09-927-777A-69/C  
; Sequence 69, Application US/09927777A  
; Patent No. US20020172953A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; APPLICANT: Garmella, Vivanadham  
; APPLICANT: Li, Zhi  
; APPLICANT: Park, So-Jung  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 00-653-A  
; CURRENT APPLICATION NUMBER: US/09/927.777A  
; CURRENT FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 09/820.279  
; PRIOR FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/760.500  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/603.830  
; PRIOR FILING DATE: 2000-06-26





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; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-69

Query Match          0.3%; Score 21.2; DB 1; Length 31;
Best Local Similarity 88.5%; Pred. No. 2.3e+02;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4457 CATGACTTTTTTTTTTTTTTTTTT 4482
Db      26 CATAGGTTTTTTTTTTTTTTTTTT 1

RESULT 107
US-10-075-335-5
; Sequence 5, Application US/10075335
; Publication No. US20030186237A1
; GENERAL INFORMATION:
; APPLICANT: Ginsberg, Stephen
; TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
; FILE REFERENCE: HO-P02202US2
; CURRENT APPLICATION NUMBER: US/10/075,335
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/268,664
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/348,242
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/268,645
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/344,557
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/306,216
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/350,176
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: (31)..(31)
; OTHER INFORMATION: V = A or C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (32)..(32)
; OTHER INFORMATION: N = A or C or G or T
US-10-075-335-5

Query Match          0.3%; Score 21.2; DB 1; Length 32;
Best Local Similarity 95.5%; Pred. No. 2.4e+02;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTTTTGG 4484
          |||||
```

```
Db      10 CTTTTTTTTTTTTTTTTTTT 31

RESULT 108
US-09-888-326-240/C
; Sequence 240, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; PRIOR FILING DATE: 2001-06-22
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 240
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-240

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
Db      21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 109
US-09-776-479-780/C
; Sequence 780, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAG 7433
Db      21 CAGCAGCAGCAGCAGCAGCAG 1
```

```
RESULT 110
US-09-776-479-780/c
; Sequence 780, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-780

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB 21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 111
US-09-940-227-48/c
; Sequence 48, Application US/09940227
; Publication No. US20030017468A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Sei Yu
; APPLICANT: Macina, Roberto
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Hervé
; TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
; FILE REFERENCE: DEX-0230
; CURRENT APPLICATION NUMBER: US/09/940,227
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,378
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-227-48

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5593 TGGATTGGTTTAAGTGGCC 5613
DB 21 TGGATTGGTTTAAGTGGTGC 1

RESULT 112
US-10-314-578-780/c
; Sequence 780, Application US/10314578
; Publication No. US20030212026A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 780
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-780

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB 21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 113
US-10-112-653-753/c
; Sequence 753, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 753
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-753

Query Match          0.3%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433
DB 21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 114
US-10-017-995-780/c
; Sequence 780, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
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Query Match	0.3%	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%	Pred. No.	1.3e+02;	
Matches 21;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY	7413	CAGCAGCAGCAGCAGCAGCAG	7433
Db	21	CAGCAGCAGCAGCAGCAGCAG	1

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RESULT 115
US-10-007-078-4
; Sequence 4, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E1F2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007, 078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-007-078-4

```

Query Match	0.3%	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No.	1.3e+02;	
Matches 21;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY		1711	GAGCCTATGTTCCGGCATCTC	1733
Db		1	GAGCCTATGTTCCGGCATCTC	21

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/ RESULT 116
/ US-10-410-031-190
/ Sequence 190, Application US/10410031
/ Publication No. US20040010817A1
/ GENERAL INFORMATION:
/ APPLICANT: Shockeey, Jay M.
/ APPLICANT: Schnurr, Judy
/ APPLICANT: Browne, John A.
/ TITLE OF INVENTION: Plant Acy1-CoA Synthetase
/ FILE REFERENCE: DOM-07654
/ CURRENT APPLICATION NUMBER: US/10/410,031
/ CURRENT FILING DATE: 2003-04-09
/ NUMBER OF SEQ ID NOS: 191
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 190
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic

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US-10-410-031-190

Query Match:	0.3%;	Score 21;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 1.3e+02;		
Matches 21;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

QY		4464	TTTTTTT	TTTTTTT	TG	4484
		1	TTTTTTTT	TTTTTTTT	TG	21
D <sub>B</sub>						

RESULT 117  
US-10-081-969-18/c  
; Sequence 18, Application US/10081965  
; Publication No. US20030104625A1  
; Abstract: INFORMATION

```

1  GENERATED INFORMATION:
2  APPLICANT: Cheng, Cheng
3  APPLICANT: Clarke, Lori
4  APPLICANT: Connolly, Shella
5  APPLICANT: Enlist, David
6  APPLICANT: Forry-Schaudies, Suzanne
7  APPLICANT: Gorziglia, Mario
8  APPLICANT: Hallenbeck, Paul
9  APPLICANT: Hay, Carl
10 APPLICANT: Jakubczak, John
11 APPLICANT: Kaleko, Michael
12 APPLICANT: Phipps, Sandrina
13 APPLICANT: Police, Seeshihar
14 APPLICANT: Ryan, Patricia
15 APPLICANT: Steward, David
16 APPLICANT: Xie, Yuedeng
17 TITLE OF INVENTION: No. US20030104625A1el Onco1ytic Adenoviral Vectors
18 FILE REFERENCE: 4-31704A/GTI
19 CURRENT APPLICATION NUMBER: US/10/081,969
20 CURRENT FILING DATE: 2002-02-22
21 PRIOR APPLICATION NUMBER: US 60/270,922
22 PRIOR FILING DATE: 2001-02-23
23 PRIOR APPLICATION NUMBER: US 60/295,037
24 PRIOR FILING DATE: 2001-06-01
25 PRIOR APPLICATION NUMBER: US 60/348,670
26 PRIOR FILING DATE: 2000-01-14
27 NUMBER OF SEQ ID NOS: 98
28 SOFTWARE: PatentIn version 3.1

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; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence

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;
; OTHER INFORMATION: Viral vector sequence
;
; FEATURE:
; NAME/KEY: misc_feature
;

```

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; OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
;
; FEATURE:
; NAME/KEY: polyA_site
; LOCATION: (3)..(24)
; OTHER INFORMATION:
US-10-081-969-18

```

Query Match	0.3%	Score 21	DB 1	Length 24
Best Local Similarity	100.0%	Pred. No.	1.7e+02	
Matches 21	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy	4464	TTTTTTTTTTTTTTTTTTG	4484
Db	22	TTTTTTTTTTTTTTTTTTG	2

RESULT 118  
US-09-927-777A-68/c  
; Sequence 68, Application US/09927777R  
; Patent No. US20020172953A1  
; GENERAL INFORMATION:

```

; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 68
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-68

Query Match      0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTT 4463
DB      21 CTTTTTTTTTTTTTTTTT 1

RESULT 119
US-10-008-978-68/c
; Sequence 68, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Mirkin, Chad A.
```

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; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 68
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-68

Query Match      0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTT 4463
DB      21 CTTTTTTTTTTTTTTTTT 1

RESULT 120
US-10-266-983-68/c
; Sequence 68, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
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; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; PCT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 68
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
;
US-10-266-983-68
```

```
Query Match          0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;
```

```
QY 4463 CTTTTTTTTTTTTTTTTTTT 4483
Db 21 CTTTTTTTTTTTTTTTTTTT 1

RESULT 121
US-10-335-573-1
; Sequence 1, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abartzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
US-10-335-573-1
```

```
Query Match          0.3%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;
Indels 0;

QY 4463 CTTTTTTTTTTTTTTTTTTT 4483
```

```
Db 10 CTTTTTTTTTTTTTTTTTTT 30

RESULT 122
US-10-208-357-14/c
; Sequence 14, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-10-208-357-14
```

```
Query Match          0.3%; Score 21; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;
Indels 0;
```

```
QY 4464 TTTTTTTTTTTTTTTTTTTG 4484
Db 30 TTTTTTTTTTTTTTTTTTTG 10

RESULT 123
US-10-335-573-3
; Sequence 3, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abartzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
; NAME/KEY: misc feature
; LOCATION: 31-32
; OTHER INFORMATION: n=a,t,c,g
US-10-335-573-3
```

```
Query Match          0.3%; Score 21; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;
Indels 0;

QY 4463 CTTTTTTTTTTTTTTTTTTT 4483
Db 10 CTTTTTTTTTTTTTTTTTTT 30
```

```

RESULT 124
US-09-920-342-12
; Sequence 12, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Ltn, Shi-Lung
; APPLICANT: Chuong, Cheng-Ming
; APPLICANT: Midellitz, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT APPLICATION NUMBER: US/09/920,342
; PRIOR FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: US 60/222,479
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)24 primer
US-09-920-342-12

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred.No.1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      4464 TTTTCTTTTTTTTTTTTTGTCCT 4487
Db      1 TTTTCTTTTTTTTTTTTTTTTTTTT 24

RESULT 125
US-09-920-313-148
; Sequence 148, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/920,313
; PRIOR FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US 60/222,248
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 148
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-920-313-148

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred.No.1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      4464 TTTTCTTTTTTTTTTTTTGTCCT 4487
Db      1 TTTTCTTTTTTTTTTTTTTTTTTTT 24

RESULT 126
US-09-948-305B-6
; Sequence 6, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Lin, Shi-Lung
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; TITLE OF INVENTION: Generation of Related Peptides Thereof
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
      |||||
      1 TTTT TTTT TTTT TTTT TTTT TTTT 24
      |||||

RESULT 127
US-09-888-326-841
; Sequence 841, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
      |||||
      1 TTTT TTTT TTTT TTTT TTTT TTTT 24
      |||||

RESULT 128
US-09-776-479-433
; Sequence 433, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Rounon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

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; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 129
US-09-776-479-433
; Sequence 433, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 130
US-09-776-479-961
; Sequence 961, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
```

```
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 131
US-09-776-479-961
; Sequence 961, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT 24

RESULT 132
US-09-776-479-962/C
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
```



;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-962

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4464 TTTTGTCT 4487  
Db 24 TTTTGTCT 1

RESULT 133  
US-09-776-479-962/c  
; Sequence 962, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 962  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-962

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4464 TTTTGTCT 4487  
Db 24 TTTTGTCT 1

RESULT 134  
US-09-732-047B-1/c  
; Sequence 1, Application US/09732047B  
; Publication No. US20040175696A1  
; GENERAL INFORMATION:  
; APPLICANT: Ullman, Edwin  
; APPLICANT: Singh, Rajendra  
; APPLICANT: Dekezer, Steve  
; APPLICANT: Davalian, Darlusch  
; TITLE OF INVENTION: Amplified Luminescent Homogeneous  
; FILE REFERENCE: BEH-7385  
; CURRENT APPLICATION NUMBER: US/09/732,047B  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: hybridization oligo  
US-09-732-047B-1

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4464 TTTTGTCT 4487  
Db 24 TTTTGTCT 1

RESULT 135  
US-10-058-270A-140  
; Sequence 140, Application US/10058270A  
; Publication No. US20040029114A1  
; GENERAL INFORMATION:  
; APPLICANT: Mack, David H.  
; APPLICANT: Gish, Kurt C.  
; APPLICANT: Afari, Daniel  
; APPLICANT: Eos Biotechnology, Inc.  
; TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and  
; FILE REFERENCE: 018501-005210US  
; CURRENT APPLICATION NUMBER: US/10/058,270A  
; CURRENT FILING DATE: 2002-01-24  
; PRIOR APPLICATION NUMBER: US 60/263,965  
; PRIOR FILING DATE: 2001-01-24  
; PRIOR APPLICATION NUMBER: US 60/265,928  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 09/829,472  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: US 60/282,698  
; PRIOR FILING DATE: 2001-04-09  
; PRIOR APPLICATION NUMBER: US 60/288,590  
; PRIOR FILING DATE: 2001-05-04  
; PRIOR APPLICATION NUMBER: US 60/294,443  
; PRIOR FILING DATE: 2001-05-29  
; NUMBER OF SEQ ID NOS: 141  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 140  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: T7-T24 oligo  
; NAME/KEY: modified\_base  
; LOCATION: (8)..(24)  
; OTHER INFORMATION: t at positions 8-24 may be present or absent  
US-10-058-270A-140

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4464 TTTTGTCT 4487  
Db 1 TTTTGTCT 24

RESULT 136  
US-10-314-578-433  
; Sequence 433, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Kries, Arthur M.  
; APPLICANT: Schelter, Christian  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135

```

; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-433
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4464 TTTTGTCTTTTGTCT 4487
Db      1 TTTTGTCTTTTGTCTT 24
```

```

RESULT 137
US-10-314-578-961
; Sequence 961, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schelter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-961
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4464 TTTTGTCTTTTGTCT 4487
Db      1 TTTTGTCTTTTGTCTT 24
```

```

RESULT 138
US-10-314-578-962/c
; Sequence 962, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schelter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
```

```

; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-962
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4464 TTTTGTCTTTTGTCT 4487
Db      24 TTTTGTCTTTTGTCTT 1
```

```

RESULT 139
US-10-671-628-10
; Sequence 10, Application US/10671628
; Publication No. US20040068105A1
; GENERAL INFORMATION:
; APPLICANT: ITO, Kikukatsu
; TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
; FILE REFERENCE: 2003-1386A/MMC/00653
; CURRENT APPLICATION NUMBER: US/10/671,628
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: 10/009,962
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: PCT/JP00/03806
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: JP11-167439
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer
US-10-671-628-10
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4464 TTTTGTCTTTTGTCT 4487
Db      1 TTTTGTCTTTTGTCTT 24
```

```

RESULT 140
US-10-043-415-4/c
; Sequence 4, Application US/10043415
; Publication No. US20020182620A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/10/043,415
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/09/025,639
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
```

```

: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 4
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
:   NAME/KEY: misc_binding
:   LOCATION: (1)..(24)
:   OTHER INFORMATION: Synthetic DNA Probe
: US-10-043-415-4

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4464 TTTT|TTTTTTTTTTTTTTTT|GCTC 4487
      |||||
Db 24 TTTT|TTTTTTTTTTTTTTTT|TTTTT 1
      |||||

RESULT 141
US-10-112-653-415
: Sequence 415, Application US/10112653
: Publication No. US20030050268A1
: GENERAL INFORMATION:
:   APPLICANT: Krieg, Arthur M.
:   APPLICANT: Berg, Daniel J.
:   TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
:   TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
:   FILE REFERENCE: C01039/70060(AWS)
:   CURRENT FILING DATE: 2002-03-29
:   PRIOR APPLICATION NUMBER: US/10/112,653
:   PRIOR FILING DATE: 2001-03-29
:   NUMBER OF SEQ ID NOS: 1040
:   SOFTWARE: FastSeq for Windows Version 3.0
:   SEQ ID NO 415
:   LENGTH: 24
:   TYPE: DNA
:   ORGANISM: Artificial Sequence
:   FEATURE:
:   OTHER INFORMATION: Synthetic Oligonucleotide
: US-10-112-653-415

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4464 TTTT|TTTTTTTTTTTTTTTT|GCTC 4487
      |||||
Db 1 TTTT|TTTTTTTTTTTTTTTT|TTTTT 24
      |||||

RESULT 142
US-10-112-653-919
: Sequence 919, Application US/10112653
: Publication No. US20030050268A1
: GENERAL INFORMATION:
:   APPLICANT: Krieg, Arthur M.
:   APPLICANT: Berg, Daniel J.
:   TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
:   TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
:   FILE REFERENCE: C01039/70060(AWS)
:   CURRENT APPLICATION NUMBER: US/10/112,653
:   CURRENT FILING DATE: 2002-03-29
:   PRIOR APPLICATION NUMBER: US 60/279,642
:   NUMBER OF SEQ ID NOS: 1040
:   SOFTWARE: FastSeq for Windows Version 3.0
:   SEQ ID NO 919
:   LENGTH: 24
:   TYPE: DNA
:   ORGANISM: Artificial Sequence
:   FEATURE:
:   OTHER INFORMATION: Synthetic Oligonucleotide
: US-10-112-653-919

```

```

; FEATURES:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-919

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTGCTCCT 4487
           |||||
DB       1 TTTTTTTTTTTTTTTTTT 24

RESULT 143
US-10-112-653-920/c
; Sequence 920, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur W.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: CO1039/70060 (ANS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 920
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-920

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTGCTCCT 4487
           |||||
DB       24 TTTTTTTTTTTTTTTTTT 1

RESULT 144
US-10-017-995-433
; Sequence 433, Application US/10017995
; Publication No. US2003005501A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTGTGCTCCT 4487

```

Db 1 |||||  
1 TTTT

## RESULT 145

US-10-017-995-961  
; Sequence 961, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
; FILE REFERENCE: C1037/7025 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/017,995  
; PRIOR FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 60/255,534  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 961  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-961

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTT  
Db 1 TTTT

## RESULT 146

US-10-017-995-962/C  
; Sequence 962, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
; FILE REFERENCE: C1037/7025 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/017,995  
; PRIOR FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 60/255,534  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 962  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-962

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTT  
Db 24 TTTT

## RESULT 147

US-10-058-513-39  
; Sequence 39, Application US/10058513  
; Publication No. US20030087245A1  
; GENERAL INFORMATION:  
; APPLICANT: Gish, Kurt C.  
; APPLICANT: Mack, David H.

; APPLICANT: Afar, Daniel  
; APPLICANT: Eos Biotechnology, Inc.  
; TITLE OF INVENTION: Uses of pBHI in the Diagnosis and Therapeutic Treatment  
; TITLE OF INVENTION: of Prostate Cancer  
; FILE REFERENCE: 018501-00591005  
; CURRENT APPLICATION NUMBER: US/10/058,513  
; CURRENT FILING DATE: 2002-01-24  
; PRIOR APPLICATION NUMBER: US 60/263,951  
; PRIOR FILING DATE: 2001-01-24  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 39  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: 17-(dT)-24  
US-10-058-513-39

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTT  
Db 1 TTTT

## RESULT 148

US-10-216-122-151/C  
; Sequence 151, Application US/10216122  
; Publication No. US20030121063A1  
; GENERAL INFORMATION:  
; APPLICANT: Kazazian, Haig H.  
; APPLICANT: Oesterlag, Eric  
; APPLICANT: Debernardinis, Ralph  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS  
; FILE REFERENCE: 053893-5006-03  
; CURRENT APPLICATION NUMBER: US/10/216,122  
; CURRENT FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 09/653,812  
; PRIOR FILING DATE: 2000-09-01  
; PRIOR APPLICATION NUMBER: US 08/847,844  
; PRIOR FILING DATE: 1997-04-28  
; PRIOR APPLICATION NUMBER: US 08/749,805  
; PRIOR FILING DATE: 1996-11-15  
; PRIOR APPLICATION NUMBER: US 60/006,831  
; PRIOR FILING DATE: 1995-11-16  
; NUMBER OF SEQ ID NOS: 154  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 151  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert  
US-10-216-122-151

Query Match 0.3%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.8e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4462 ACTTTT  
Db 24 ACTTTT

## RESULT 149

US-10-272-502A-2  
; Sequence 2, Application US/10272502A  
; Publication No. US20030139364A1  
; GENERAL INFORMATION:



```

; APPLICANT: RAY, MELISSA
; APPLICANT: SUN, LEI
; APPLICANT: ZHANG, PEIYING
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ROLLING CIRCLE AMPLIFICATION
; FILE REFERENCE: PU0290
; CURRENT APPLICATION NUMBER: US/10/360,511
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: 60/355,374
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-360-511-14
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT GCT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 24
```

```

RESULT 154
; Sequence 106, Application US/10062188
; Publication No. US20040096826A1
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Methods For Creating Recombination
; TITLE OF INVENTION: Products Between Nucleotide Sequences
; FILE REFERENCE: P-EA 5008
; CURRENT APPLICATION NUMBER: US/10/062,188
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
US-10-062-188-106
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 24
```

```

RESULT 155
; Sequence 13, Application US/10374307
; Publication No. US20040170964A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronic, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
```

```

; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-13
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4487
Db      24 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1
```

```

RESULT 156
; Sequence 16, Application US/10374307
; Publication No. US20040170964A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronic, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-16
```

```

Query Match          0.3%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 1.8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4487
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 24
```

```

RESULT 157
; Sequence 2, Application US/10480013
; Publication No. US20040157794A1
; GENERAL INFORMATION:
; APPLICANT: Pohang Foundation
; TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
; TITLE OF INVENTION: HYBRIDS
; FILE REFERENCE: PCA20633/PSC
; CURRENT APPLICATION NUMBER: US/10/480,013
; CURRENT FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: KoparentIn 1.71
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
; NAME/KEY: misc feature
; LOCATION: (13)_
; OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
US-10-480-013-2
```

Query Match 0.3%; Score 20.8; DB 1; Length 25;  
Best Local Similarity 88.0%; Pred. No. 1.9e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4464 TTTTCTTTTCTTTTCTTCT 4488  
DB 1 TTTTCTTTTCTTTTCTTCT 25

## RESULT 158

US-10-369-036B-42  
; Sequence 42, Application US/10369036B  
; Publication No. US20030228593A1  
; GENERAL INFORMATION:  
; APPLICANT: Suga, Hiroaki et al.  
; TITLE OF INVENTION: Ribozymes with broad tRNA aminoacylation activity  
; FILE REFERENCE: 11520, 0290  
; CURRENT FILING DATE: 2003-02-18  
; PRIOR APPLICATION NUMBER: 60/357,424  
; PRIOR FILING DATE: 2002-02-15  
; NUMBER OF SEQ ID NOS: 61  
; SEQ ID NO 42  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: synthesized  
US-10-369-036B-42

Query Match 0.3%; Score 20.8; DB 1; Length 30;  
Best Local Similarity 91.7%; Pred. No. 2.5e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4464 TTTTCTTTTCTTTTCTTCT 4487  
DB 1 TTTTCTTTTCTTTTCTTCT 24

## RESULT 159

US-10-152-992-3  
; Sequence 3, Application US/10152992  
; Publication No. US20030129607A1  
; GENERAL INFORMATION:  
; APPLICANT: Kort, Thomas F.  
; APPLICANT: Aseltke, Mekibib  
; TITLE OF INVENTION: Compositions and Methods for Extension of Nucleic Acids  
; FILE REFERENCE: 0942,5270001  
; CURRENT FILING DATE: 2002-05-23  
; PRIOR APPLICATION NUMBER: US 60/293,182  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 32  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-10-152-992-3

Query Match 0.3%; Score 20.8; DB 1; Length 32;  
Best Local Similarity 78.1%; Pred. No. 2.8e+02;  
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

OY 42 GCTCCGCGCGCGGCAACGAGGCTGCGGGG 73  
DB 1 GCTCCGCGCGCGGCAACGAGGCTGCGGGG 32

RESULT 160  
US-10-344-741-21

; Sequence 21, Application US/10344741  
; Publication No. US20040038371A1  
; GENERAL INFORMATION:  
; APPLICANT: Baeten, Danielle  
; APPLICANT: Dekker, Petrus, Jacobus, Theodorus  
; APPLICANT: Schuurhuizen, Paul, William  
; APPLICANT: Schaap, Petrus, Johannes  
; APPLICANT: Visser, Jacob  
; APPLICANT: DSM NV

; TITLE OF INVENTION: No. US20040038371A1el Antipeptidase  
; FILE REFERENCE: 24615-20187.00  
; CURRENT FILING DATE: US/10/344,741  
; CURRENT FILING DATE: 2001-08-22  
; PRIOR APPLICATION NUMBER: EP/NL 00202995.7  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Poly-T primer  
US-10-344-741-21

Query Match 0.3%; Score 20.6; DB 1; Length 24;  
Best Local Similarity 91.3%; Pred. No. 1.9e+02;  
Matches 21; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 4464 TTTTCTTTTCTTTTCTTCTC 4486  
DB 2 TTTTCTTTTCTTTTCTTCTT 24

## RESULT 161

US-09-801-274-439  
; Sequence 439, Application US/09801274  
; Patent No. US20020032319A1  
; GENERAL INFORMATION:  
; APPLICANT: Cargill, Michele  
; APPLICANT: Ireland, James S.  
; APPLICANT: Landry, Eric S.  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
; FILE REFERENCE: 2825,2009-001  
; CURRENT FILING DATE: 2001-03-07  
; PRIOR APPLICATION NUMBER: US 60/187,510  
; PRIOR FILING DATE: 2000-03-07  
; PRIOR APPLICATION NUMBER: US 60/206,129  
; PRIOR FILING DATE: 2000-05-22  
; NUMBER OF SEQ ID NOS: 1802  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 439  
; LENGTH: 31  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-801-274-439

Query Match 0.3%; Score 20.6; DB 1; Length 31;  
Best Local Similarity 95.2%; Pred. No. 2.8e+02;  
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAGCAGCAG 7433  
DB 1 CAGCAGCAGCAGCAGCAGSAGCAG 21

RESULT 162  
US-09-801-274-1526  
; Sequence 1526, Application US/09801274  
; Patent No. US20020032319A1  
; GENERAL INFORMATION:  
; APPLICANT: Cargill, Michele

```
; APPLICANT: Ireland, James S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801.274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1526
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-1526
```

```
Query Match          0.3%; Score 20.6; DB 1; Length 31;
Best Local Similarity 79.3%; Pred. No. 2.8e+02;
Matches 23; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      7406 GCACATCAGCAGCAGCAGCAGCAGC 7434
Db      2   GCAGCGCAGCGCGCGCAGCGCAGCAGC 30
```

```
RESULT 163
US-10-216-122-94/c
; Sequence 94, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazazian, Halg H.
; APPLICANT: Oseberg, Eric
; APPLICANT: Deberardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 94
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-216-122-94
```

```
Query Match          0.3%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4464 TTTTCTTTTCTTTTCTTTTGT 4485
Db      22 TTTTCTTTTCTTTTCTTTTGT 1
```

```
RESULT 164
US-10-335-573-6
; Sequence 6, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Adairza, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
```

```
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
US-10-335-573-6
```

```
Query Match          0.3%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4464 TTTTCTTTTCTTTTCTTTTGT 4485
Db      1 TTTTCTTTTCTTTTCTTTTGT 22
```

```
RESULT 165
US-10-205-841-26
; Sequence 26, Application US/10205841
; Publication No. US20030093226A1
; GENERAL INFORMATION:
; APPLICANT: Ashby, Matthew
; APPLICANT: Scherer, Stewart
; APPLICANT: Phillips, John
; APPLICANT: Ziman, Michael
; APPLICANT: Marini, Nicholas
; TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF REPORTER AND TARGET MOLECULES
; FILE REFERENCE: 9301-187
; CURRENT APPLICATION NUMBER: US/10/205,841
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/540,806
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-205-841-26
```

```
Query Match          0.3%; Score 20.4; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 2.2e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4459 TGGACTTTTCTTTTCTTTTCTTTT 4480
Db      4 TGGCTTTTCTTTTCTTTTCTTTT 25
```

```
RESULT 166
US-10-291-986-4/c
; Sequence 4, Application US/10291986
; Publication No. US20030215825A1
; GENERAL INFORMATION:
; APPLICANT: SUN-WING, TONG
; TITLE OF INVENTION: IMPROVED METHOD OF DETECTING MOLECULAR TARGET BY
; FILE REFERENCE: 5321-3
; CURRENT APPLICATION NUMBER: US/10/291,986
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: AU PS1597
; PRIOR FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
```



SEQ ID NO 4  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-291-986-4

Query Match 0.3%; Score 20.4; DB 1; Length 29;  
Best Local Similarity 95.5%; Pred. No. 2.9e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7413 CAGCAGCAGCAGCAGCAGCAGC 7434  
Db 29 CAGCAGCAGCAGCAGCAGCAGC 8

RESULT 167  
US-09-853-745-37  
Sequence 37, Application US/09853745  
Publication No. US20030039955A1  
GENERAL INFORMATION:  
APPLICANT: Feng, Yu  
APPLICANT: Tang, Hengli  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PRODUCTION  
FILE REFERENCE: 12934-002001  
CURRENT APPLICATION NUMBER: US/09/853,745  
CURRENT FILING DATE: 2001-05-10  
PRIOR APPLICATION NUMBER: US 60/206,997  
PRIOR FILING DATE: 2000-05-24  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 37  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthetically generated primer  
US-09-853-745-37

Query Match 0.3%; Score 20.4; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 2.9e+02;  
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 4465 TTTTGTCTTGAGACA 4494  
Db 1 TTTTGTCTTGAGATTAAATA 30

RESULT 168  
US-10-133-937-99  
Sequence 99, Application US/10133937  
Publication No. US20030207278A1  
GENERAL INFORMATION:  
APPLICANT: Khan, Javed  
APPLICANT: Ringner, Markus  
APPLICANT: Peterson, Carsten  
APPLICANT: Meltzer, Paul  
TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,  
TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND  
FILE REFERENCE: 11613.56US01  
CURRENT APPLICATION NUMBER: US/10/133,937  
CURRENT FILING DATE: 2002-11-04  
NUMBER OF SEQ ID NOS: 99  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 99  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Primer  
US-10-133-937-99

Query Match 0.3%; Score 20.2; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.9e+02;  
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTTGAGACA 4484  
Db 1 TTTTGTCTTGAGATTAAATA 21

RESULT 169  
US-10-159-563-99  
Sequence 99, Application US/10159563  
Publication No. US20040009154A1  
GENERAL INFORMATION:  
APPLICANT: Khan, Javed  
APPLICANT: Ringner, Markus  
APPLICANT: Peterson, Carsten  
APPLICANT: Meltzer, Paul  
TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR  
FILE REFERENCE: 11613.56US11  
CURRENT APPLICATION NUMBER: US/10/159,563  
CURRENT FILING DATE: 2002-12-09  
PRIOR APPLICATION NUMBER: US 10/133,937  
PRIOR FILING DATE: 2002-04-25  
NUMBER OF SEQ ID NOS: 444  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 99  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-159-563-99

Query Match 0.3%; Score 20.2; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.9e+02;  
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTGTCTTGAGACA 4484  
Db 1 TTTTGTCTTGAGATTAAATA 21

RESULT 170  
US-10-314-321A-56  
Sequence 56, Application US/10314321A  
Publication No. US20030190648A1  
GENERAL INFORMATION:  
APPLICANT: Hitachi, Ltd.  
TITLE OF INVENTION: Gene Predicting Method  
FILE REFERENCE: 31010118US1  
CURRENT APPLICATION NUMBER: US/10/314,321A  
CURRENT FILING DATE: 2002-12-09  
PRIOR APPLICATION NUMBER: JP 2002-103333  
PRIOR FILING DATE: 2002-04-05  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 56  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (22)  
OTHER INFORMATION: partial sequence of AL365356, n is a, c, g or t  
US-10-314-321A-56

Query Match 0.3%; Score 20.2; DB 1; Length 22;  
Best Local Similarity 95.2%; Pred. No. 2e+02;

Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4484

Db 1 TTTTGTGTTTGTGTTTGTG 21

## RESULT 171

US-10-002-536A-2  
; Sequence 2, Application US/10002536A  
; Publication No. US20030108874A1  
; GENERAL INFORMATION:  
; APPLICANT: Kane, Michael D.  
; APPLICANT: Nagel, Aaron C.  
; APPLICANT: Dombrowski, Alan A.  
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED  
; FILE REFERENCE: 65446-87  
; CURRENT APPLICATION NUMBER: US/10/002,536A  
; CURRENT FILING DATE: 2003-02-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: This is a synthesized sequence.  
; NAME/KEY: misc feature  
; LOCATION: (23)-(25)  
; OTHER INFORMATION: n may be selected from a or c or g or t.  
US-10-002-536A-2

Query Match 0.3%; Score 20.2; DB 1; Length 25;  
Best Local Similarity 95.2%; Pred. No. 2.4e+02;  
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4484

Db 2 TTTTGTGTTTGTGTTTGTG 22

## RESULT 172

US-10-418-182-148  
; Sequence 148, Application US/10418182  
; Publication No. US20030228302A1  
; GENERAL INFORMATION:  
; APPLICANT: Crea, Roberto  
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
; FILE REFERENCE: 1551,2001-001  
; CURRENT APPLICATION NUMBER: US/10/418,182  
; CURRENT FILING DATE: 2003-04-16  
; PRIOR APPLICATION NUMBER: 60/373,558  
; PRIOR FILING DATE: 2002-04-17  
; NUMBER OF SEQ ID NOS: 423  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 148  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-10-418-182-148

Query Match 0.3%; Score 20.2; DB 1; Length 27;  
Best Local Similarity 88.0%; Pred. No. 2.7e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4488

Db 2 TTTTGTGTTTGTGTTTGTG 26

## RESULT 173

US-09-997-931-6  
; Sequence 6, Application US/09997931  
; Publication No. US20030087241A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Rochester  
; APPLICANT: Kool, Eric  
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA  
; FILE REFERENCE: 220,00010142  
; CURRENT APPLICATION NUMBER: US/09/997,931  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US 09/569,344  
; PRIOR FILING DATE: 2000-05-11  
; PRIOR APPLICATION NUMBER: US 08/805,631  
; PRIOR FILING DATE: 1997-02-26  
; PRIOR APPLICATION NUMBER: US 08/393,439  
; PRIOR FILING DATE: 1995-02-23  
; PRIOR APPLICATION NUMBER: US 08/047,860  
; PRIOR FILING DATE: 1993-04-15  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: multimer  
US-09-997-931-6

Query Match 0.3%; Score 20.2; DB 1; Length 29;  
Best Local Similarity 88.0%; Pred. No. 3e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGG 4488

Db 5 TTTTGTGTTTGTGTTTGTG 29

## RESULT 174

US-10-194-138-1/c  
; Sequence 1, Application US/10194138  
; Publication No. US20030082588A1  
; GENERAL INFORMATION:  
; APPLICANT: Nanosphere, Inc.  
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces  
; FILE REFERENCE: 01-897-B  
; CURRENT APPLICATION NUMBER: US/10/194,138  
; CURRENT FILING DATE: 2002-07-12  
; PRIOR APPLICATION NUMBER: 60/363472  
; PRIOR FILING DATE: 2002-03-12  
; PRIOR APPLICATION NUMBER: 60/305369  
; PRIOR FILING DATE: 2001-07-13  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 31  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide probe modified with gold nanoparticle  
; NAME/KEY: misc feature  
; LOCATION: (1)-(1)  
; OTHER INFORMATION: n is a deoxyadenosine residue modified in 5' with an epindroster  
; OTHER INFORMATION: one disulfide-gold nanoparticle-epiandrosterone disulfide conjugate  
US-10-194-138-1

Query Match 0.3%; Score 20.2; DB 1; Length 31;  
Best Local Similarity 88.0%; Pred. No. 3.3e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TGAAGCTTTTTTTTTTTTTTTTTT 4483  
Db 26 TGAGCGTTTTTTTTTTTTTTTTTT 2

RESULT 175  
US-09-973-788A-55/c  
Sequence 55, Application US/09973788A  
Patent No. US20020127574A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-110  
CURRENT APPLICATION NUMBER: US/09/973,788A  
CURRENT FILING DATE: 2002-03-05  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-973-788A-55

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483  
Db 20 TTTTTTTTTTTTTTTTTT 1

RESULT 176  
US-09-973-638A-55/c  
Sequence 55, Application US/09973638A  
Patent No. US20020137070A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-19  
CURRENT APPLICATION NUMBER: US/09/973,638A  
CURRENT FILING DATE: 2002-03-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-973-638A-55

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483  
Db 20 TTTTTTTTTTTTTTTTTT 1

RESULT 177  
US-09-974-007-55/c  
Sequence 55, Application US/09974007  
Patent No. US20020137071A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-713-18  
CURRENT APPLICATION NUMBER: US/09/974,007  
CURRENT FILING DATE: 2002-03-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-974-007-55

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483

```
Db      20 TTTTTTTTTTTTTTTTTT 1

RESULT 178
US-09-976-617A-55/c
; Sequence 55, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elgharian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTTTTTTTTTTTTTTTT 1

RESULT 179
US-09-961-949A-55/c
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elgharian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTTTTTTTTTTTTTTTT 1

RESULT 180
US-09-760-500A-55/c
; Sequence 55, Application US/09760500A
; Patent No. US20020155442A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elgharian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-760-500A-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

RESULT 181
; Sequence 55, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-967-409A-55

Query Match          0.3%; Score 20; DB 1; Length 20;
Beat Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY      4464 TTTTTTTTTTTTTTTTTTTT 4483
          |||||||
Db       20 TTTTTTTTTTTTTTTTTT 1

RESULT 182
US-09-975-062A-55/c
; Sequence 55, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783

```

```

PRIORITY FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/011,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-062A-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY : 4464 TTTT TTTTTTTTTTTTTTTTTT 4483
       |||||
DB   20 TTTT TTTTTTTTTTTTTTTTTT 1

RESULT 183
US-09-976-378A-55/c
Sequence 55, Application US/09976378A
Patent No. US20020155461A1
GENERAL INFORMATION:
APPLICANT: Micklin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Music, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OR INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
FILE REFERENCE: 00-713-125
CURRENT APPLICATION NUMBER: US/09/976,378A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-976-378A-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTTTTTTTTTTTTTTTT 4483
         |||||
DB      20 TTTT TTTTTTTTTTTTTTTTTT 1

```

```
RESULT 184
US-09-976-577-55/c
; Sequence 55, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Eighanlian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-577-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 185
US-09-771-554-5
; Sequence 55, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: PIGA, Nadia
; APPLICANT: BATTAIL-POIROT, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGATE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 186
US-09-966-312-55/c
; Sequence 55, Application US/09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Eighanlian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-312-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db      20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 187
US-09-927-777A-55/c
; Sequence 55, Application US/0992777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Eighanlian, Robert
; APPLICANT: Taton, Thomas A.
```

```

1  APPLICANT: Gatimella, Viswanadham
2  APPLICANT: Li, Zhi
3  APPLICANT: Park, So-Jung
4  TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
5  TITLE OF INVENTION: AND USES THEREFOR
6  FILE REFERENCE: 00-653-A
7  CURRENT APPLICATION NUMBER: US/09/927,777A
8  CURRENT FILING DATE: 2001-08-10
9  PRIOR APPLICATION NUMBER: 09/820,279
10 PRIOR FILING DATE: 2001-03-28
11 PRIOR APPLICATION NUMBER: 09/760,500
12 PRIOR FILING DATE: 2001-01-12
13 PRIOR APPLICATION NUMBER: 09/603,830
14 PRIOR FILING DATE: 2000-06-26
15 PRIOR APPLICATION NUMBER: 09/344,667
16 PRIOR FILING DATE: 1999-06-25
17 PRIOR APPLICATION NUMBER: 09/240,755
18 PRIOR FILING DATE: 1999-01-29
19 PRIOR APPLICATION NUMBER: PCT/US97/12783
20 PRIOR FILING DATE: 1997-07-21
21 PRIOR APPLICATION NUMBER: 60/031,809
22 PRIOR FILING DATE: 1996-07-29
23 PRIOR APPLICATION NUMBER: 60/176,409
24 PRIOR FILING DATE: 2000-01-13
25 PRIOR APPLICATION NUMBER: 60/192,699
26 PRIOR FILING DATE: 2000-03-28
27 PRIOR APPLICATION NUMBER: 60/200,161
28 PRIOR FILING DATE: 2000-04-26
29 PRIOR APPLICATION NUMBER: 60/213,906
30 PRIOR FILING DATE: 2000-06-26
31 PRIOR APPLICATION NUMBER: 60/224,631
32 PRIOR FILING DATE: 2000-08-11
33 PRIOR APPLICATION NUMBER: 60/254,392
34 PRIOR FILING DATE: 2000-12-08
35 PRIOR APPLICATION NUMBER: 60/255,235
36 PRIOR FILING DATE: 2000-12-11
37 NUMBER OF SEQ ID NOS: 76
38 SOFTWARE: Microsoft Word 2000
39 SEQ ID NO 55
40 LENGTH: 20
41 TYPE: DNA
42 ORGANISM: Artificial Sequence
43 FEATURE:
44 OTHER INFORMATION: Description of Artificial Sequence:random
45 OTHER INFORMATION: synthetic sequence
46 US-09-927-777A-55
47
48 Query Match 0.3%; Score 20; DB 1; Length 20;
49 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
50 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
51
52 QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4463
53 |||||
54 Db 20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1
55
56 RESULT 188
57 US-09-927-777A-70/c
58 Sequence 70, Application US/09927777A
59 Patent No. US20020172953A1
60 GENERAL INFORMATION:
61 APPLICANT: Mirkin, Chad A.
62 APPLICANT: Letsinger, Robert L.
63 APPLICANT: Mucic, Robert C.
64 APPLICANT: Storhoff, James J.
65 APPLICANT: Elghanian, Robert
66 APPLICANT: Taton, Thomas A.
67 APPLICANT: Gatimella, Viswanadham
68 APPLICANT: Li, Zhi
69 APPLICANT: Park, So-Jung
70 TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
71 TITLE OF INVENTION: AND USES THEREFOR
72 FILE REFERENCE: 00-653-A

```

```

/ CURRENT APPLICATION NUMBER: US/09/927,777A
/ CURRENT FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 09/820,279
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 09/760,500
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/176,409
/ PRIOR FILING DATE: 2000-01-13
/ PRIOR APPLICATION NUMBER: 60/192,699
/ PRIOR FILING DATE: 2000-03-28
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 60/213,906
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 60/224,631
/ PRIOR FILING DATE: 2000-08-11
/ PRIOR APPLICATION NUMBER: 60/254,192
/ PRIOR FILING DATE: 2000-12-08
/ PRIOR APPLICATION NUMBER: 60/255,235
/ PRIOR FILING DATE: 2000-12-11
/ NUMBER OF SEQ ID NOS: 76
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-927-777A-70

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
          |||||
Db      20 TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 189
US-09-966-491A-55/C
/ Sequence 55, Application US/09966491A
/ Publication No. US20020182611A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Stornhoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-14
/ CURRENT APPLICATION NUMBER: US/09/966,491A
/ CURRENT FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783

```

```

; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031, 809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200, 161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-491A-55
```

```
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4483
Db      20  TTTT TTTT TTTT TTTT TTTT 1
```

```
RESULT 190
US-09-976-971A-55/C
; Sequence 55, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976, 971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603, 830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344, 667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240, 755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031, 809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200, 161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-971A-55
```

```
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4483
Db      20  TTTT TTTT TTTT TTTT TTTT 1
```

```
RESULT 191
US-09-880-505-83/C
; Sequence 83, Application US/09880505
; Publication No. US20030007976A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Rose
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; FILE REFERENCE: 11000.1007c2
; CURRENT APPLICATION NUMBER: US/09/880, 505
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 09/324, 542
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: US 08/997, 080
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-880-505-83
```

```
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4483
Db      20  TTTT TTTT TTTT TTTT TTTT 1
```

```
RESULT 192
US-09-820-279B-55/C
; Sequence 55, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820, 279B
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603, 830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344, 667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240, 755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031, 809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200, 161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279B-55
```





```
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-981-344-55

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTT|TTTTTTTTTTTTTTTTTT 1

RESULT 197
US-09-957-318A-55/c
; Sequence 55, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-957-318A-55

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTT|TTTTTTTTTTTTTTTTTT 1

RESULT 198
US-09-974-500A-55/c
; Sequence 55, Application US/09974500A
; Publication No. US20030049631A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-974-500A-55

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT|TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTT|TTTTTTTTTTTTTTTTTT 1

RESULT 199
US-09-975-376A-55/c
; Sequence 55, Application US/09975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
```

```

? SOFTWARE: Microsoft Word 2000
? SEO ID NO: 55
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURES:
? OTHER INFORMATION: Description of Artificial Sequence: random
? OTHER INFORMATION: Synthetic Sequence
? US-09-975-376A-55

```

```

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy	4464	4483
Db	20	1

```

RESULT 200
US-09-957-313A-55/C
Sequence 55, Application US/0957313A
Publication No. US20030055777A1
GENERAL INFORMATION:
APPLICANT: Letsinger, Chad A.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taron, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR

```

```

1 CURRENT APPLICATION NUMBER: US/09/957,313A
2 CURRENT FILING DATE: 2002-03-05
3 PRIOR APPLICATION NUMBER: 09/603,830
4 PRIOR FILING DATE: 2000-06-26
5 PRIOR APPLICATION NUMBER: 09/344,667
6 PRIOR FILING DATE: 1999-06-25
7 PRIOR APPLICATION NUMBER: 09/240,755
8 PRIOR FILING DATE: 1999-01-29
9 PRIOR APPLICATION NUMBER: PCT/US97/12783
10 PRIOR FILING DATE: 1997-07-21
11 PRIOR APPLICATION NUMBER: 60/031,809
12 PRIOR FILING DATE: 1996-07-29
13 PRIOR APPLICATION NUMBER: 60/200,161
14 PRIOR FILING DATE: 2000-04-26
15 NUMBER OF SEQ ID NOS: 64
16 SOFTWARE: Microsoft Word 2000
17 SEQ ID NO 55
18 LENGTH: 20
19 TYPE: DNA
20 ORGANISM: Artificial Sequence
21 FEATURE:
22 OTHER INFORMATION: Description of Artificial Sequence:random
23 US-09-957-313A-55

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No.	1.9e+02;	
Matches 20; Conservative	0;	Mismatches	0;	Gaps 0

[illegible]

```

RESULT 201
US-09-912-014-16
; Sequence 16, Application US/09912014
; Publication No. US20030059929A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
;

```

TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS

NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/912,014

FILING DATE: 24-Jul-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146 E04

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 203/218

TELECOMMUNICATION INFORMATION:  
 FBI BUREAU (212) 480-1600

TELEPHONE: (213) 489-1800  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:  
LENGTH: 20

TYPE: nucleic acid

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
2-014-16

Match	0.3%	Score 20	DB 1	Length 20
Local Similarity	100.0%	Pred. No. 1.9e+02		
20; Conservative	0	Mismatches 0	Indels 0	Gaps 0

4464		4483
1		20

202  
97-672-40  
Box 40, Application US/09997672  
Section No. US20030061632A1  
INFORMATION-

ICANT: Meterings, Koen

Apuya, Nestor R.

**ACCANT:** Goldberg, Robert B.  
**ACCANT:** The Regents of the University of California

(CANT: Ceres, Inc.  
at tomorrow, del... for Modulation Transcription

REFERENCE: 023070-115810US

APPLICANT FILING DATE: 2001-11-28

APPLICATION NUMBER: US 60/253,672  
FILING DATE: 2000-11-28

ER OF SEQ ID NOS: 42

WAKE: P  
D NO 40

3TH: 20  
E: DNA

**ANISM: Artificial Sequence**

```

FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dt-20)
; OTHER INFORMATION: primer
US-09-997-672-40

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      4464 TTTTTTTTTTTTTTTTTT 4483
         |||||||
Db       1   TTTTTTTTTTTTTTTTTT 20

RESULT 203
US-09-976-863A-55/c
; Sequence 55, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-119
CURRENT APPLICATION NUMBER: US/09/976,863A
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-976-863A-55

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1,9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      4464 TTTTTTTTTTTTTTTTTT 4483
         |||||||
Db       20 TTTTTTTTTTTTTTTTTT 1

RESULT 204
US-09-861-535-2
; Sequence 2, Application US/09861535
; Publication No. US20030069410A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vaanalinga T.
; TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothioate Linkages
; FILE REFERENCE: ISIS4785
CURRENT APPLICATION NUMBER: US/09/861,535
CURRENT FILING DATE: 2001-06-14

```

```

; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030069410A1el Sequence
US-09-881-535-2

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
          ||| ||| ||| ||| ||| ||| |||
          1 TTTT TTTT TTTT TTTT TTTT TTTT 20
; TYPE: DNA

RESULT 205
US-09-776-479-226
; Sequence 226; Application US/097766479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
          ||| ||| ||| ||| ||| ||| |||
          1 TTTT TTTT TTTT TTTT TTTT TTTT 20
; TYPE: DNA

RESULT 206
US-09-776-479-226
; Sequence 226; Application US/097766479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226

```

```

Query Match      0.3%;   Score 20;   DB 1;   Length 20;
Best Local Similarity 100.0%;   Pred. No. 1.9e+02;
Matches 20;   Conservative 0;   Mismatches 0;   Gaps 0;

```

Qy	4464	4483
Db	1	20

```

RESULT 207
US-09-776-479-556
; Sequence 556, Application US/0976479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred.No. 1.9e+02;		
Matches 20; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

[illegible]

```

RESULT 208
US-09-776-479-556
/ Sequence 556, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776-479
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FASTSEQ for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556

```

Query Match	0.34	Score 20	DB 1	Length 20
Best Local Similarity	100.04	Pred. No. 1.9e+02		
Matches	20	Conservative	0	Mismatches 0
				Indels 0
				Gaps 0

Qy	4464	4483
Db	1	20

```

RESULT 209
US-09-776-479-560/c
; Sequence 560: Application US/097766479
; Publication NO. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C10377013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776, 479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 62/179, 991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560

```

```
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY	4464	TTTTTTTTTTTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTTTTTTTTTTT	1

```

US-09-776-479-560/C
RESULT 210
; Sequence 560, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C103777013 (HCL/PAT)
; CURRENT APPLICATION NUMBER: US/09776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560

```

```

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0.
QY 4464 TTTTTTTTTTTTTTTTTT 4483

```

```
Db      20 TTTTTTTTTTTTTTTTTT 1
RESULT 211
US-09-976-601A-55/c
; Sequence 55, Application US/09976601A
; Publication No. US20030124528A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-116
; CURRENT APPLICATION NUMBER: US/09/976,601A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-601A-55
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTTTTTTTTTTTTTTTT 1

RESULT 212
US-09-975-059A-55/c
; Sequence 55, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-059A-55
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTTTTTT 4483
Db      20 TTTTTTTTTTTTTTTTTT 1

RESULT 213
US-09-976-968A-55/c
; Sequence 55, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-968A-55
Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-1

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
      |||||
      1 TTTT TTTT TTTT TTTT TTTT 20

RESULT 218
US-09-975-498-55/c
; Sequence 53; Application US/09975498
; Publication No. US20020160381A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Steinhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-114
; CURRENT APPLICATION NUMBER: US/09/975,498
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-498-55

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
      |||||
      20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 219
US-10-181-200-10
; Sequence 10; Application US/10181200
; Publication No. US20030212267A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/181,200
; CURRENT FILING DATE: 2002-12-12
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: 2'-O-methoxyethyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(20)
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-10

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
      |||||
      1 TTTT TTTT TTTT TTTT TTTT 20

RESULT 220
US-10-181-200-15
; Sequence 15; Application US/10181200
; Publication No. US20030212267A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/181,200
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(20)
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-15

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
      |||||
      1 TTTT TTTT TTTT TTTT TTTT 20
```







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US-10-112-653-533
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-533

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 230
US-10-112-653-537/c
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 537
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB 20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 231
US-10-077-383-5/c
; Sequence 5, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation

```

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; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; FILE REFERENCE: 018048-001710US
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20
; NAME/KEY: modified base
; LOCATION: (13)-(20)
; OTHER INFORMATION: a at positions 13-20 may be present or absent
US-10-077-383-5

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB 20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 232
US-10-077-383-6
; Sequence 6, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; FILE REFERENCE: 018048-001710US
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (T)-12-20
; NAME/KEY: modified base
; LOCATION: (13)-(20)
; OTHER INFORMATION: t at positions 13-20 may be present or absent
US-10-077-383-6

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 233
US-10-017-995-226
; Sequence 226, Application US/10017995

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; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-226

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 234
US-10-017-995-556
; Sequence 556, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 235
US-10-017-995-560/C
; Sequence 560, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
```

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; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 236
US-10-194-138-32/C
; Sequence 32, Application US/10194138
; Publication No. US20030082568A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; APPLICANT: Garimella, Viswanadham
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "a20" oligonucleotide probe
US-10-194-138-32

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 237
US-10-008-978-55/C
; Sequence 55, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Strohoff, James J.
; APPLICANT: Eighanlian, Robert
; APPLICANT: Talton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
```

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1  PRIOR APPLICATION NUMBER: 09/820,279
2  PRIOR FILING DATE: 2001-03-28
3  PRIOR APPLICATION NUMBER: 09/760,500
4  PRIOR FILING DATE: 2001-01-12
5  PRIOR APPLICATION NUMBER: 09/603,830
6  PRIOR FILING DATE: 2000-06-26
7  PRIOR APPLICATION NUMBER: 09/344,667
8  PRIOR FILING DATE: 1999-06-25
9  PRIOR APPLICATION NUMBER: 09/240,755
10 PRIOR FILING DATE: 1999-01-29
11 PRIOR APPLICATION NUMBER: PCT/US97/12783
12 PRIOR FILING DATE: 1997-07-21
13 PRIOR APPLICATION NUMBER: 60/031,809
14 PRIOR FILING DATE: 1996-07-29
15 PRIOR APPLICATION NUMBER: 60/176,409
16 PRIOR FILING DATE: 2000-01-13
17 PRIOR APPLICATION NUMBER: 60/192,699
18 PRIOR FILING DATE: 2000-03-28
19 PRIOR APPLICATION NUMBER: 60/200,161
20 PRIOR FILING DATE: 2000-04-26
21 PRIOR APPLICATION NUMBER: 60/213,906
22 PRIOR FILING DATE: 2000-06-26
23 PRIOR APPLICATION NUMBER: 60/224,631
24 PRIOR FILING DATE: 2000-08-11
25 PRIOR APPLICATION NUMBER: 60/254,392
26 PRIOR FILING DATE: 2000-12-08
27 PRIOR APPLICATION NUMBER: 60/254,418
28 PRIOR FILING DATE: 2000-12-08
29 PRIOR APPLICATION NUMBER: 60/255,235
30 PRIOR FILING DATE: 2000-12-11
31 PRIOR APPLICATION NUMBER: 60/255,236
32 PRIOR FILING DATE: 2000-12-11
33 PRIOR APPLICATION NUMBER: 60/282,640
34 PRIOR FILING DATE: 2000-04-01
35 NUMBER OF SEQ ID NOS: 76
36 SOFTWARE: Microsoft Word 2000
37 SEQ ID NO 55
38 LENGTH: 20
39 TYPE: DNA
40 ORGANISM: Artificial Sequence
41 FEATURE:
42 OTHER INFORMATION: Description of Artificial Sequence: random
43 OTHER INFORMATION: synthetic sequence
44 US-10-008-978-55
45
46 Query Match 0.3%; Score 20; DB 1; Length 20;
47 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
48 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
49
50 Oy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
51 Db 20 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 1
52
53 RESULT 238
54 US-10-008-978-70/c
55 Sequence 70, Application US/10008978
56 Publication NO. US20030087242n1
57 GENERAL INFORMATION:
58 APPLICANT: Mirkin, Chad A.
59 APPLICANT: Letsinger, Robert L.
60 APPLICANT: Mucic, Robert C.
61 APPLICANT: Storhoff, James J.
62 APPLICANT: Elghanian, Robert
63 APPLICANT: Taton, Thomas A.
64 APPLICANT: Garimella, Viswanadham
65 APPLICANT: Li, Zhi
66 APPLICANT: Park, So-Jung
67 APPLICANT: Lu, Gang
68 TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
69 TITLE OF INVENTION: AND USES THEREFOR
70 FILE REFERENCE: 00-1272-C
71 CURRENT APPLICATION NUMBER: US/10/008,978

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CURRNT FILING DATE: 2002-05-20
PRIORITY APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/112783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,659
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/224,631
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/254,418
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/255,236
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 60/282,640
PRIOR FILING DATE: 2000-04-01
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-008-978-70
OTHER INFORMATION: synthetic sequence

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTTTTTTTTTTTTTT 4483
DB      20 TTTT TTTTTTTTTTTTTTTT 1

RESULT 239
US-10-007-078-11/c
Sequence 11, Application US/10007078
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-11

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      26 GTGGAGCTGCTGCAAGCTC 45
Db      20 GTGGAGCTGCTGCAAGCTC 1

RESULT 240
US-10-007-078-12/c
; Sequence 12, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-12

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      163 CGCTGACATCAACGCTCC 182
Db      20 CGCTGACATCAACGCTCC 1

RESULT 241
US-10-007-078-13/c
; Sequence 13, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-13

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      326 TCCTGCCAATTAATTGAG 345
Db      20 TCCTGCCAATTAATTGAG 1

RESULT 242
US-10-007-078-14/c

; Sequence 14, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-14

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      382 GTGACATCAACCGCATTA 401
Db      20 GTGACATCAACCGCATTA 1

RESULT 243
US-10-007-078-15/c
; Sequence 15, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-15

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      414 AGTCACCGGGAAGTGCTGG 433
Db      20 AGTCACCGGGAAGTGCTGG 1

RESULT 244
US-10-007-078-16/c
; Sequence 16, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-16

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      543 GGTGACTTTGAGGTGACAA 562
      |||
Db      20 GGTGACTTTGAGGTGACAA 1

RESULT 245
US-10-007-078-17/c
; Sequence 17, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-17

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      555 GGTGACATCCCTGGGGAG 574
      |||
Db      20 GGTGACATCCCTGGGGAG 1

RESULT 246
US-10-007-078-18/c
; Sequence 18, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-18

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      680 CTGTGCAAGCCCTGATGTG 699
      |||
Db      20 CTGTGCAAGCCCTGATGTG 1

RESULT 247
US-10-007-078-19/c
; Sequence 19, Application US/10007078

; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-19

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      818 AGTCTGTGGCCCTGCCATG 837
      |||
Db      20 AGTCTGTGGCCCTGCCATG 1

RESULT 248
US-10-007-078-20/c
; Sequence 20, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-20

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      854 ACATTGATGCTCAGCCACT 873
      |||
Db      20 ACATTGATGCTCAGCCACT 1

RESULT 249
US-10-007-078-21/c
; Sequence 21, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-21
```

US-10-007-078-21

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 863 TCTCAGCCACTGCTTTAT 882  
DB 20 TCTCAGCCACTGCTTTAT 1

RESULT 250

US-10-007-078-22/c  
; Sequence 22, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 22  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-22

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 ATCAGAACATAGATGAGCA 944  
DB 20 ATCAGAACATAGATGAGCA 1

RESULT 251  
US-10-007-078-23/c  
; Sequence 23, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 23  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-23

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 AGATCAAGGCGCTGAAGTG 1008  
DB 20 AGATCAAGGCGCTGAAGTG 1

RESULT 252  
US-10-007-078-24/c  
; Sequence 24, Application US/10007078  
; Publication No. US20030105042A1

; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-24

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1063 CGTCGCCCTGCTAGCCATCA 1082  
DB 20 CGTCGCCCTGCTAGCCATCA 1

RESULT 253  
US-10-007-078-25/c  
; Sequence 25, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-25

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1258 CGCTGATTAGAGCTGAC 1277  
DB 20 CGCTGATTAGAGCTGAC 1

RESULT 254  
US-10-007-078-26/c  
; Sequence 26, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-26



Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1268 AGAAGCTGACGACGACGAG 1287  
DB 20 AGAAGCTGACGACGACGAG 1

RESULT 255  
US-10-007-078-27/c

; Sequence 27, Application US/10007078  
; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 27

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-27

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1325 CAGACGACGACGACGATC 1344  
DB 20 CAGACGACGACGACGATC 1

RESULT 256

US-10-007-078-28/c

; Sequence 28, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 28

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-28

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1345 AGTCGCTGATGAGATGC 1364  
DB 20 AGTCGCTGATGAGATGC 1

RESULT 257

US-10-007-078-29/c

; Sequence 29, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 29

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-29

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1409 TGAAGATGACATGACGAG 1428  
DB 20 TGAAGATGACATGACGAG 1

RESULT 258

US-10-007-078-30/c

; Sequence 30, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 30

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-30

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1484 CCATTGCCACCCCATCAG 1503  
DB 20 CCATTGCCACCCCATCAG 1

RESULT 259

US-10-007-078-31/c

; Sequence 31, Application US/10007078

; Publication No. US20030105042A1

; GENERAL INFORMATION:

; APPLICANT: Donna T. Ward

; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION

; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078

; CURRENT FILING DATE: 2001-11-08

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 31

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-007-078-31

```
Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1602 GGTGCTCAGAACTTCACAG 1621
      |||
Db      20 GGTGCTCAGAACTTCACAG 1

RESULT 260
US-10-007-078-32/c
; Sequence 32, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-32

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1629 GCGGAGATTTCAGAGATG 1648
      |||
Db      20 GCGGAGATTTCAGAGATG 1

RESULT 261
US-10-007-078-33/c
; Sequence 33, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-33

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1746 AGGCTGACGCTCATTTATG 1765
      |||
Db      20 AGGCTGACGCTCATTTATG 1

RESULT 262
US-10-007-078-34/c
; Sequence 34, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward

; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-34

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1785 GCCGGTATGCTGAGTGA 1804
      |||
Db      20 GCCGGTATGCTGAGTGA 1

RESULT 263
US-10-007-078-35/c
; Sequence 35, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-35

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2038 ATCACAGAGTGTAGGACG 2057
      |||
Db      20 ATCACAGAGTGTAGGACG 1

RESULT 264
US-10-007-078-36/c
; Sequence 36, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; FILE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-36

Query Match          0.3%; Score 20; DB 1; Length 20;
```

Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 2368 AATGAGCAATTGGAGAG 2387  
Db 20 AATGAGCAATTGGAGAG 1

RESULT 265  
US-10-007-078-37/c  
; Sequence 37, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 37  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-37

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 2450 TCTATCTGTGCGCCAGCA 2469  
Db 20 TCTATCTGTGCGCCAGCA 1

RESULT 266  
US-10-007-078-38/c  
; Sequence 38, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 38  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-38

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 2472 CATCCAGGCGCACGCCGAC 2491  
Db 20 CATCCAGGCGCACGCCGAC 1

RESULT 267  
US-10-007-078-39/c  
; Sequence 39, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt

TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-39

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 2692 CACATATCGGGCGAGCA 2711  
Db 20 CACATATCGGGCGAGCA 1

RESULT 268  
US-10-007-078-40/c  
; Sequence 40, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 40  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-40

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Oy 2739 AGCCGTGAGGTTCCAGG 2758  
Db 20 AGCCGTGAGGTTCCAGG 1

RESULT 269  
US-10-007-078-41/c  
; Sequence 41, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 41  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-41

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2841 GCTGTGCCCAATTCAG 2860
    |||||
Db 20 GCTGTGCCCAATTCAG 1

RESULT 270
US-10-007-078-42/c
; Sequence 42, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-42

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2891 GAGAGGTAGATGCTTG 2910
    |||||
Db 20 GAGAGGTAGATGCTTG 1

RESULT 271
US-10-007-078-43/c
; Sequence 43, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-43

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3081 CAGGTGTCATGACTCA 3100
    |||||
Db 20 CAGGTGTCATGACTCA 1

RESULT 272
US-10-007-078-44/c
; Sequence 44, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
```

```
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-44

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3112 ACTCATGCTTGACAGCTTG 3131
    |||||
Db 20 ACTCATGCTTGACAGCTTG 1

RESULT 273
US-10-007-078-45/c
; Sequence 45, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-45

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3118 GCTTGACAGCTTGTAAGT 3137
    |||||
Db 20 GCTTGACAGCTTGTAAGT 1

RESULT 274
US-10-007-078-46/c
; Sequence 46, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-46

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 3177 GGTTGATCTTAGATGG 3196  
Db 20 GGTTGATCTTAGATGG 1

RESULT 275  
US-10-007-078-47/c  
; Sequence 47, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 47  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-47

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3412 CCCTTATCTCTCTGTCCA 3431  
Db 20 CCCTTATCTCTCTGTCCA 1

RESULT 276  
US-10-007-078-48/c  
; Sequence 48, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 48  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-48

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3794 AACATGACAACTCTGGAGC 3813  
Db 20 AACATGACAACTCTGGAGC 1

RESULT 277  
US-10-007-078-49/c  
; Sequence 49, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236

; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 49  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-49

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4135 AATGAAGTGTACTGATT 4154  
Db 20 AATGAAGTGTACTGATT 1

RESULT 278  
US-10-007-078-50/c  
; Sequence 50, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 50  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-50

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4162 TGACCTGGCTAGTAGGAG 4181  
Db 20 TGACCTGGCTAGTAGGAG 1

RESULT 279  
US-10-007-078-51/c  
; Sequence 51, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-51

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



Db 20 GGCAAGCCGCTGAAGA 1

## RESULT 285

US-10-007-078-57/c  
; Sequence 57, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 57  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-57

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5052 CATTCCTACACAGTGCT 5071  
Db 20 CATTCCTACACAGTGCT 1

## RESULT 286

US-10-007-078-58/c  
; Sequence 58, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 58  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-58

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5185 ATGTTCTCAGTTGGATACA 5204  
Db 20 ATGTTCTCAGTTGGATACA 1

## RESULT 287

US-10-007-078-59/c  
; Sequence 59, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 59  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-59

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5245 GTCAATTCACGACATTTGCA 5264  
Db 20 GTCAATTCACGACATTTGCA 1

## RESULT 288

US-10-007-078-60/c  
; Sequence 60, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 60  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-60

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5273 TAGGAGCAGGTGGAGCT 5292  
Db 20 TAGGAGCAGGTGGAGCT 1

## RESULT 289

US-10-007-078-61/c  
; Sequence 61, Application US/10007078  
; Publication No. US20030105042A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION  
; FILE REFERENCE: RTS-0236  
; CURRENT APPLICATION NUMBER: US/10/007,078  
; CURRENT FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-007-078-61

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5332 CTTGGCTCAGCTCTCCAG 5351  
1

```
Db      20 CTTGCTCACTCTCTCCAG 1

RESULT 290
US-10-007-078-62/c
; Sequence 62, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-62

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5348 CCACTTGCTTTTCAGCTGGG 5367
Db      20 CCACTTGCTTTTCAGCTGGG 1

RESULT 291
US-10-007-078-63/c
; Sequence 63, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-63

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6028 CCTGTCCACCTCTTGAGCT 6047
Db      20 CCTGTCCACCTCTTGAGCT 1

RESULT 292
US-10-007-078-64/c
; Sequence 64, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-64

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6447 AGCAGTGTTTGGATACCTT 6466
Db      20 AGCAGTGTTTGGATACCTT 1

RESULT 293
US-10-007-078-65/c
; Sequence 65, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-65

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6397 TAATGCCACCTGCTAGATA 6416
Db      20 TAATGCCACCTGCTAGATA 1

RESULT 294
US-10-007-078-66/c
; Sequence 66, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-66

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6380 CTTCCCTAAAAGCTCTTAA 6399
Db      20 CTTCCCTAAAAGCTCTTAA 1
```



```
RESULT 295
US-10-007-078-67/c
; Sequence 67, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-67

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 6533 TGCCCATAGGATATCTGTA 6552
|||
Db 20 TGCCCATAGGATATCTGTA 1

RESULT 296
US-10-007-078-68/c
; Sequence 68, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-68

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 6727 CTGGAATACCTTCTTCTTA 6746
|||
Db 20 CTGGAATACCTTCTTCTTA 1

RESULT 297
US-10-007-078-69/c
; Sequence 69, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 69
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-69

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 6769 TGCAGGCGACTTTTACTAT 6788
|||
Db 20 TGCAGGCGACTTTTACTAT 1

RESULT 298
US-10-007-078-70/c
; Sequence 70, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-70

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 6809 GGAAGAGGATTTTCTGCT 6828
|||
Db 20 GGAAGAGGATTTTCTGCT 1

RESULT 299
US-10-007-078-71/c
; Sequence 71, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-71

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 6998 GGAAGAGGAGATTTTCTTC 7017
|||
Db 20 GGAAGAGGAGATTTTCTTC 1
```

```
RESULT 300
US-10-007-078-72/c
; Sequence 72, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-72

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7009 ATTTCTCTTTACAGAGA 7028
DB 20 ATTTCTCTTTACAGAGA 1

RESULT 301
US-10-007-078-73/c
; Sequence 73, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-73

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7067 TTGTGATGACTGAGTC 7086
DB 20 TTGTGATGACTGAGTC 1

RESULT 302
US-10-007-078-74/c
; Sequence 74, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 74
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-74

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7124 TTCTGTGCACAGTCGAG 7143
DB 20 TTCTGTGCACAGTCGAG 1

RESULT 303
US-10-007-078-75/c
; Sequence 75, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-75

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7162 TTGCATTAGCAGCCATGTG 7181
DB 20 TTGCATTAGCAGCCATGTG 1

RESULT 304
US-10-007-078-76/c
; Sequence 76, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-76

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7239 CAAGTCAGCATGATGGG 7258
DB 20 CAAGTCAGCATGATGGG 1
```

```
RESULT 305
US-10-007-078-77/c
; Sequence 77, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-77

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7394 CTTCTGAAGCAAGCAACATC 7413
Db 20 CTTCTGAAGCAAGCAACATC 1

RESULT 306
US-10-007-078-78/c
; Sequence 78, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-78

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7442 TGTGTTTATTAAGCAACA 7461
Db 20 TGTGTTTATTAAGCAACA 1

RESULT 307
US-10-188-404-66
; Sequence 66, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Duholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kieley, John
; APPLICANT: Grifflch, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: IS155042
```

```
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
; OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
US-10-188-404-66

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483
Db 1 TTTTCTTTTCTTTTCTTTT 20

RESULT 308
US-10-234-764-10
; Sequence 10, Application US/10234764
; Publication No. US20030113769A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lonnberg, Harri
; APPLICANT: Salo, Harri
; TITLE OF INVENTION: Aminoacy Functionalized Oligomers
; FILE REFERENCE: IS155089
; CURRENT APPLICATION NUMBER: US/10/234,764
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 09/344,260
; PRIOR FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-234-764-10

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483
Db 1 TTTTCTTTTCTTTTCTTTT 20

RESULT 309
US-10-255-434-14
; Sequence 14, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
```

```

1  APPLICANT: Williams, Brett F.
2  TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To The
3  TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
4  TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
5  FILE REFERENCE: BP0101-US
6  CURRENT APPLICATION NUMBER: US/10/255,434
7  CURRENT FILING DATE: 2002-09-24
8  NUMBER OF SEQ ID NOS: 26
9  SOFTWARE: PatentIn Ver. 2.1
10 SEQ ID NO 14
11 LENGTH: 20
12 TYPE: DNA
13 ORGANISM: Artificial Sequence
14 FEATURE:
15 OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
16 OTHER INFORMATION: Oligomer Sequence
17 FEATURE:
18 OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
19 OTHER INFORMATION: Sequence
20 US-10-255-434-14

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;

Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	1	TTTTTTTTTTTTTTTTTTTT	20

1 11111111111111111111 20

RESULT 310  
US-10-255-

```

Sequence 26, Application US/10255434
Publication No. US20030129626v1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-26

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0

QY	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTTTT	1

[illegible]

RESULT 311  
US-10-278-

```

; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin

```

```

1  APPLICANT: Bruce, Ian
2  APPLICANT: Wolter, Andreas
3  TITLE OR INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
4  TITLE OR INVENTION: ACID ANALYTES
5  FILE REFERENCE: PRO. 07
6  CURRENT APPLICATION NUMBER: US/10/278,047
7  CURRENT FILING DATE: 2002-10-21
8  PRIOR APPLICATION NUMBER: 60/336,432
9  PRIOR FILING DATE: 2001-10-19
10 NUMBER OF SEQ ID NOS: 14
11 SOFTWARE: Patentin version 3.2
12 SEQ ID NO 1
13
14 LENGTH: 20
15
16 TYPE: DNA
17
18 ORGANISM: Artificial
19
20 FEATURE:
21
22 OTHER INFORMATION: Synthetic Nucleic Acid Probe
23
24 NAME/KEY: misc_feature
25
26 LOCATION: (1)..(20)
27
28 US-10-278-047-1

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	1	TTTTTTTTTTTTTTTTTTTT	20

[illegible]

## RESULT 312

```

US-10-371-474-63
? Sequence 63, Application US/10371474
? Publication No. US20030144242A1
? GENERAL INFORMATION:
? APPLICANT: Donna T. Ward
? APPLICANT: William Gaarde
? APPLICANT: Brett P. Wonda
? APPLICANT: Jacqueline Wyatt
? TITLE OF INVENTION: ANTISENSE MODULATION OF MEKKA EXPRESSION
? FILE REFERENCE: RTS-0169
? CURRENT APPLICATION NUMBER: US/10/371,474
? CURRENT FILING DATE: 2003-02-21
? PRIOR APPLICATION NUMBER: US/09/676,436
? PRIOR FILING DATE: 2000-09-29
? NUMBER OF SEQ ID NOS: 89
? SEQ ID NO 63
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-63

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	7415	GCAGCAGCAGCAGCAGCAGC	7434
Db	1	GCAGCAGCAGCAGCAGCAGC	20

1 GCAGCAGCAGCAGCAGCAGC 20

## RESULT 313

US-10-371-066-16  
Sequence 16, Application US/10371066  
Publication No. US20030162214A1  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J. i and Tu, Eugene  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
MICROELECTRONIC SYSTEMS AND DEVICES FOR  
MOLECULAR BIOLOGICAL ANALYSIS AND

```
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371.066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/146.504
FILING DATE: No. US20030162214A member 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-371-066-16
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 4464 TTTT TTTT TTTT TTTT TTTT 4483
Db 1 TTTT TTTT TTTT TTTT TTTT 20
RESULT 314
US-10-410-324-55/c
Sequence 55, Application US/10410324
Publication No. US20030180783A1
GENERAL INFORMATION:
APPLICANT: Markin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanayan, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-126
CURRENT APPLICATION NUMBER: US/10/410.324
CURRENT FILING DATE: 2003-04-09
PRIOR APPLICATION NUMBER: 09/961,949
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
```

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PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-410-324-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 4464 TTTT TTTT TTTT TTTT TTTT 4483
Db 20 TTTT TTTT TTTT TTTT TTTT 1
RESULT 315
US-10-266-983-55/c
Sequence 55, Application US/10266983
Publication No. US20030207296A1
GENERAL INFORMATION:
APPLICANT: Park, So-Jung
APPLICANT: Taton, Thomas Andrew
APPLICANT: Markin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266.983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-266-983-55
Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483  
|||||  
Db 20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 316  
US-10-266-983-70/c  
; Sequence 70, Application US/10266983  
; Publication No. US20030207296A1  
; GENERAL INFORMATION:  
; APPLICANT: Park, So-Jung  
; APPLICANT: Taton, Thomas Andrew  
; APPLICANT: Mirkin, Chad A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 01-1565-A  
; CURRENT APPLICATION NUMBER: US/10/266,983  
; CURRENT FILING DATE: 2002-10-08  
; PRIOR APPLICATION NUMBER: 09/927,777  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 09/820,279  
; PRIOR FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/760,500  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/176,409  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: 60/192,699  
; PRIOR FILING DATE: 2000-03-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 82  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 70  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-10-266-983-70

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483  
|||||  
Db 20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 317  
US-10-431-341-31/c  
; Sequence 31, Application US/10431341  
; Publication No. US20040086897A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad  
; APPLICANT: Cao, Yun-Wei  
; APPLICANT: Jin, Rongchao  
; TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Analysis  
; TITLE OF INVENTION: Detection  
; FILE REFERENCE: 02-338-C  
; CURRENT APPLICATION NUMBER: US/10/431,341  
; CURRENT FILING DATE: 2003-05-07  
; PRIOR APPLICATION NUMBER: US 60/378,538

; PRIOR FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: US 60/383,630  
; PRIOR FILING DATE: 2002-05-28  
; PRIOR APPLICATION NUMBER: US 10/172,428  
; PRIOR FILING DATE: 2002-06-14  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (1)-(20)  
; OTHER INFORMATION: Synthetic target sequence  
US-10-431-341-31

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483  
|||||  
Db 20 TTTT TTTT TTTT TTTT TTTT 1

RESULT 318  
US-10-653-416-25  
; Sequence 25, Application US/10653416  
; Publication No. US20040110201A1  
; GENERAL INFORMATION:  
; APPLICANT: RASHTCHIAN, AYOUB  
; APPLICANT: SCHUSTER, DAVID M.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS  
; FILE REFERENCE: 38266-0011  
; CURRENT APPLICATION NUMBER: US/10/653,416  
; CURRENT FILING DATE: 2003-09-03  
; PRIOR APPLICATION NUMBER: 60/407,248  
; PRIOR FILING DATE: 2002-09-03  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-653-416-25

Query Match 0.3%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483  
|||||  
Db 1 TTTT TTTT TTTT TTTT TTTT 20

RESULT 319  
US-10-716-829-55/c  
; Sequence 55, Application US/10716829  
; Publication No. US20040110220A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Eghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; TITLE OF INVENTION: AND USES THEREFOR  
; FILE REFERENCE: 00-715-A

```

CURRENT APPLICATION NUMBER: US/10/716,829
PRIOR APPLICATION NUMBER: 2003-11-18
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
US-10-716-829-55

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No.	1.9e+02;	
Matches 20;	Conservative 0;	Mismatches	0;	Indels 0
				Gaps 0

Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	20	TTTTTTTTTTTTTTTTTTTT	1

```

RESULT 320
US-10-671-395-178
; Sequence 178, Application US/10671395
; Publication NO. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-178

```

Query Match	0.3%	Score 20:	DB 1:	Length 20:
Best Local Similarity	100.0%	Pred. No.	1.9e+02:	
Matches 20:	Conservative 0:	Mismatches 0:	Indels 0:	Gaps 0

OY 4464 TTTTTTTTTTTTTTTTTTTT 4483  
| | | | | | | | | | | |  
Db 1 TTTTTTTTTTTTTTTTTTTT 20

RESULT 321  
US-10-671-395-179  
; Sequence 179, Application US/10671395  
; Publication No. US20040132063A1

```

: GENERAL INFORMATION:
: APPLICANT: Pharmacia Corp.
: APPLICANT: Gierse, James K
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
: TITLE OF INVENTION: EXPRESSION
: FILE REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 179
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-179

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	4464	4483
Db	1	20

```

RESULT 322
US-10-671-395-180
/ Sequence 180, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 180
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-180

```

```

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY	4464	TTTTTTTTTTTTTTTTTTTTTTT	4483
Db	1	TTTTTTTTTTTTTTTTTTTTTTT	20

RESULT 323  
 US-10-671-395-181  
 ; Sequence 181, Application US/10671395  
 ; Publication No. US20040132063A1  
 ;  
 ; GENERAL INFORMATION:  
 ;  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Giersse, James K  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE  
 ; TITLE OF INVENTION: EXPRESSION  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395

```

: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: Patentin version 3.2
: SEQ ID NO 181
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
: US-10-671-335-181

```

Query Match	0.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches	20;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

[illegible]

```

RESULT 324
US-10-671-395-182
: Sequence 182, Application US/10671395
: Publication No. US20040132063A1
: GENERAL INFORMATION:
: APPLICANT: Glaxo, James K.
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
: TITLE OF INVENTION: ANTISENSE EXPRESSION
: RILE REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 182
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-182

```

```
Query Match 20; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

Qy      TTTT TTTTTTTTTTTTTTTTTT 4464
        |||||
db       1 TTTT TTTTTTTTTTTTTTTT 20
```

```

RESULT 325
US-10-671-395-183
; Sequence 183, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 183
; LENGTH: 20

```

```

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-183

```

Query Match	0.3%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```
QY      4464 TTTTTTTTTTTTTTTTTTTT 4483
          |||||
Db       1 TTTTTTTTTTTTTTTTTTTT 20
```

```

RESULT 326
US-10-671-395-184
; Sequence 184, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; RIB REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human FGE2 antisense
US-10-671-395-184

```

Query Match	Score	DB	Length	
Similarity	100.0%	1	20	
Best Local	Pred. No.	1.9e+02		
Matches	Conservative	0	Mismatches	0
			Indels	0
			Gaps	0
OY	4464	TTTTTTTTTTTTTTTTTTTT	4463	
Db	1	TTTTTTTTTTTTTTTTTTTT	20	

```

RESULT 327
US-10-671-395-185
; Sequence 185, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-185

```



[illegible]

```

RESULT 328
US-10-671-395-186
; Sequence 186, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glersce, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-186

```

Query Match	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.9e+02;	
Matches	20;	Conservative	0; Mismatches 0; Indels 0; Gaps 0;
Qy	44C4	TTTTTTTTTTTTTTTTTTTT	4483
Db	1	TTTTTTTTTTTTTTTTTTTT	20

```

RESULT 329
US-10-671-395-187
: Sequence 187, Application US/10671395
: Publication No. US20040132063A1
: GENERAL INFORMATION:
: APPLICANT: Pharmacia Corp.
: APPLICANT: Gierse, James K
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
: TITLE OF INVENTION: EXPRESSION
: FILE REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: Patentin version 3.2
: SEQ ID NO 187
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-187

```

```

Query Match 0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY 4464 TTTTTTTTTTTTTTTTTT 4483
|||||
Db 1 TTTTTTTTTTTTTTTTTT 20

```

```

RESULT 330.
US-10-671-395-188
; Sequence 188, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Gaps 0;

QY      4464  TTTTTTTTTTTTTTTTTTTT  4483
DB      1    TTTTTTTTTTTTTTTTTTTT  20

```

Query Match	0.3%	Score 20	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No. 1.9e+02		
Matches 20	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483	
Db	1	TTTTTTTTTTTTTTTTTTTT	20	

```

RESULT 331
US-10-671-395-189
; Sequence 189, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-189

```

```

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Prod. No. 1.9e+02;
Matches    20; Conservative    0; Mismatches    0; Indels    0; Gaps    0;
QY          4464 TTTTTTTTTTTTTTTTTTTT 4483
              |||||
Db           1 TTTTTTTTTTTTTTTTTTTT 20

```

RESULT 332  
US-10-671-395-190  
; Sequence 190, Application US/10671395  
; Publication No. US20040133063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.

```
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-190

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 333
US-10-671-395-191
; Sequence 191, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 191
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-191

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 334
US-10-671-395-192
; Sequence 192, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
```

```
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 192
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-192

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 335
US-10-671-395-193
; Sequence 193, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-193

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 336
US-10-671-395-194
; Sequence 194, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
```



```
US-10-671-395-199
; Sequence 199, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-199

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 342
US-10-671-395-200
; Sequence 200, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-200

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 343
US-10-671-395-201
; Sequence 201, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
```

```
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-201

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 344
US-10-671-395-202
; Sequence 202, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 202
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-202

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
Db      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 345
US-10-671-395-203
; Sequence 203, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-203

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 346
US-10-671-395-204
; Sequence 204, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-204

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4483
      1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT 20

RESULT 347
US-10-671-395-205
; Sequence 205, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-205

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Query Match	Best Local Similarity	0.3%;	Score 20;	DB 1;	Length 20;
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
<p>US-10-671-395-205</p> <p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>RESULT 348</p> <p>US-10-671-395-206</p> <p>Sequence 206, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 206</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-206</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-207</p> <p>Sequence 207, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 207</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-207</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-208</p> <p>Sequence 208, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 208</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-208</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-209</p> <p>Sequence 209, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 209</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-209</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-210</p> <p>Sequence 210, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 210</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-210</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-211</p> <p>Sequence 211, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 211</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-211</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-212</p> <p>Sequence 212, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 212</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-212</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-213</p> <p>Sequence 213, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLICANT: Gierse, James K</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE</p> <p>FILE REFERENCE: 1179/1/US</p> <p>CURRENT APPLICATION NUMBER: US/10/671,395</p> <p>PRIOR FILING DATE: 2003-09-25</p> <p>PRIOR APPLICATION NUMBER: 60/413,549</p> <p>PRIOR FILING DATE: 2002-09-25</p> <p>NUMBER OF SEQ ID NOS: 1809</p> <p>SOFTWARE: PatentIn version 3.2</p> <p>SEQ ID NO 213</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: artificial</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Human PGE2 antisense</p> <p>US-10-671-395-213</p>					
<p>Query Match</p> <p>Best Local Similarity 100.0%; Pred. No. 1.9e+02;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>					
<p>US-10-671-395-214</p> <p>Sequence 214, Application US/10671395</p> <p>Publication No. US20040132063A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Pharmacia Corp.</p> <p>APPLIC</p>					

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Db      1 |||||
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RESULT 350
US-10-671-395-208
; Sequence 208, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 208
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-208

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT 4483
          |||||
          TTTT
Db      1 TTTT

RESULT 351
US-10-671-395-262
; Sequence 262, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-262

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT 4483
          |||||
          TTTT
Db      1 TTTT

RESULT 352
US-10-671-395-274
; Sequence 274, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-274

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT 4483
          |||||
          TTTT
Db      1 TTTT

RESULT 353
US-10-671-395-275
; Sequence 275, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-275

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT 4483
          |||||
          TTTT
Db      1 TTTT

RESULT 354
US-10-671-395-276
; Sequence 276, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 276
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-276

Query Match      0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT 4483
          |||||
          TTTT
Db      1 TTTT
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; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 276
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-276

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 355
US-10-671-395-277
; Sequence 277, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXIAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 277
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-277

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 356
US-10-671-395-311
; Sequence 311, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXIAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 311

; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-311

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 357
US-10-671-395-338
; Sequence 338, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXIAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 338
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-338

Query Match          0.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT

RESULT 358
US-10-671-395-376
; Sequence 376, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXIAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 376
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-376
```











US-09-912-014-2

Query Match	0.3%;	Score 20;	DB 1;	Length 21;					
Best Local Similarity	100.0%;	Pred. No. 2e+02;							
Matches	20;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;

[illegible]

## RESULT 375

```

US-09-997-672-41
: Sequence 41. Application US/09997672
: Publication No. US20030061632A1
GENERAL INFORMATION:
APPLICANT: Weterings, Koen
APPLICANT: Apuya, Nestor R.
APPLICANT: Tatarinova, Tatiana
APPLICANT: Goldberg, Robert B.
APPLICANT: The Regents of the University of California
APPLICANT: Ceres, Inc.
TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
FILE REFERENCE: 023070-115810US
CURRENT APPLICATION NUMBER: US/09/997,672
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/553,672
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:dt-20dn
NAME/KEY: modified_base
LOCATION: (21)
OTHER INFORMATION: n = g, c, a or t
US-09-997-672-41

```

Query Match 0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

**RESULT 376**

```

US-09-776-479-912
1 Sequence 912. Application US/09776479
2 Publication No. US20030087848A1
3 GENERAL INFORMATION:
4 APPLICANT: Bratzler, Robert L.
5 APPLICANT: Petersen, Deanna M.
6 APPLICANT: Fouroun, Yves
7 TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
8 TITLE OF INVENTION: Treatment of Asthma and Allergy
9 FILE REFERENCE: C1037/7013 (HCL/MAT)
10 CURRENT APPLICATION NUMBER: US/09/776, 479
11 CURRENT FILING DATE: 2001-02-02
12 PRIOR APPLICATION NUMBER: US 60/179, 991
13 PRIOR FILING DATE: 2000-02-03
14 NUMBER OF SEQ ID NOS: 1093
15 SOFTWARE: FastSeq for Windows Version 3.0
16 SEQ ID NO 912
17 LENGTH: 21
18 TYPE: DNA
19 ORGANISM: Artificial Sequence
20 FEATURE:
21 OTHER INFORMATION: Synthetic Sequence

```

US-09-776-479-912

Query Match	0.3%	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%	Pred. No. 2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

## RESULT 377

```

US-09-776-479-912
Sequence 912, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fournon, Yves
TITLE OF INVENTION: Immunosuppressive Nucleic Acids for the
TITILE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: G1037/77013 (HC/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 912
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

```

Query Match	0.3%	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%	Pred. No. 2e+02;		
Matches	20;	Conservative	0;	Mismatches
			0;	Indels
				Gaps
				0;

QY 4464 1 20 4483

## RESULT 378

```

US-10-144-179A-41
Sequence 41, Application US/10144179A
Publication No. US20030211483A1
GENERAL INFORMATION:
APPLICANT: Schroeder, Benjamin
APPLICANT: Chem, Caltn
APPLICANT: Schrotth, Gary
TITLE OF INVENTION: Methods for the Enrichment of
TITLE OF INVENTION: Low-Abundance Polynucleotides
FILE REFERENCE: ABOS 005A
CURRENT APPLICATION NUMBER: US/10/144,179A
CURRENT FILING DATE: 2002-10-01
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligo-dT primer
US-10-144-179A-41

```

Query Match 0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**QY**      4464 TTTTTTTTTTTTTTTT 4483

Db 1 |||||  
TTTTTTTTTTTTTTTTTT 20

RESULT 379  
US-10-314-578-912  
; Sequence 912, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Schreier, Christian  
; APPLICANT: Vollmer, Jörg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 912  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-912

Query Match 0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 |||||  
TTTTTTTTTTTTTTTTTT 4483  
Db 1 TTTTTTTTTTTTTTTTTT 20

RESULT 380  
US-10-096-221-4/c  
; Sequence 4, Application US/10096221  
; Publication No. US20020164628A1  
; GENERAL INFORMATION:  
; APPLICANT: Kuhn, Norich  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; FILE REFERENCE: 492692000700  
; CURRENT APPLICATION NUMBER: US/10/096,221  
; CURRENT FILING DATE: 2002-06-27  
; PRIOR APPLICATION NUMBER: US 60/274,236  
; PRIOR FILING DATE: 2001-03-09  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
; NAME/KEY: misc\_feature  
; LOCATION: 1  
; OTHER INFORMATION: n = A,T,C or G  
US-10-096-221-4

Query Match 0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTTTTTT 4483

Db 21 |||||  
TTTTTTTTTTTTTTTTTT 2

RESULT 381  
US-10-112-653-881  
; Sequence 881, Application US/10112653  
; Publication No. US20030050266A1  
; GENERAL INFORMATION:  
; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
; FILE REFERENCE: C01039/70060(AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 881  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-881

Query Match 0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 |||||  
TTTTTTTTTTTTTTTTTT 4483  
Db 1 TTTTTTTTTTTTTTTTTT 20

RESULT 382  
US-10-017-995-912  
; Sequence 912, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
; FILE REFERENCE: C1037/7025 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/017,995  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 60/255,534  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 912  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-912

Query Match 0.3%; Score 20; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 |||||  
TTTTTTTTTTTTTTTTTT 4483  
Db 1 TTTTTTTTTTTTTTTTTT 20

RESULT 383  
US-10-100-321-23/c  
; Sequence 23, Application US/10100321  
; Publication No. US20030087251A1  
; GENERAL INFORMATION:



```

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-188

```

Query Match	0.3%	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%	Pred. No. 2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels	

Qy	4464	4483
Db	1	20

```

RESULT 367
US-10-410-031-189
: Sequence 189, Application US/104100031
: Publication No. US20040010817A1
: GENERAL INFORMATION:
: APPLICANT: Snockey, Jay M.
: APPLICANT: Schnuit, Judy
: APPLICANT: Browne, John A.
: TITLE OF INVENTION: Plant Acl- CoA Synthetases
: FILE REFERENCE: DOM-07654
: CURRENT APPLICATION NUMBER: US/10/410,031
: CURRENT FILING DATE: 2003-04-09
: NUMBER OF SEQ ID NOS: 191
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 189
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic
US-10-410-031-189

```

```
Query Match      0.3%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

[illegible]

```

RESULT 388
US-10-435-489-41
; Sequence 41, Application US/10435489
; Publication No. US20040014105A1
; GENERAL INFORMATION:
; APPLICANT: Schroeder, Benjamin
; APPLICANT: Chen, Gifu
; APPLICANT: Schroth, Gary
; TITLE OF INVENTION: Methods for the Enrichment of
; TITLE OF INVENTION: Low-Abundance Polynucleotides
; FILE REFERENCE: ABIOS, 00505Cpl
; CURRENT APPLICATION NUMBER: US/10/435,489
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 10/144,179
; PRIOR FILING DATE: 2002-05-09
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo-dt primer
US-10-435-489-41

```

Query Match . 0.3%; Score 20; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	4464	4483
Db	1	20

```

RESULT 389
US-10-278-760-2
: Sequence 2, Application US/10278760
: Publication No. US20040081962A1
GENERAL INFORMATION:
APPLICANT: Chen, Caifu
APPLICANT: Schroeder, Ben
APPLICANT: Brandis, John
APPLICANT: Schroch, Gary
APPLICANT: Applied Biosystems
TITLE OF INVENTION: Methods for Synthesizing Complementary DNA
FILE REFERENCE: 1560.012US1
CURRENT APPLICATION NUMBER: US/10/278,760
CURRENT FILING DATE: 2002-10-23
NUMBER OF SEQ ID NOS: 2
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 2
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
FEATURE:
: OTHER INFORMATION: A control primer.
US-10-278-760-2

```

Query Match	0.3%;	Score 20;	DB 1;	Length 21;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	4483
Db	1	20

```

RESULT 390
US-09-426-548-126/c
; Sequence 126, Application US/09426548
; Patent No. US20010044936A1
; GENERAL INFORMATION:
; APPLICANT: Robbins, David
; APPLICANT: Lin-Goerke, Julli L.
; APPLICANT: Ling, Jessica
; TITLE OF INVENTION: No. US20010044936A1 Mutations in Human MLH1 and MSH2 Genes Use
; FILE REFERENCE: DEX-0054
; CURRENT APPLICATION NUMBER: US/09/426,548
; CURRENT FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-426-548-126

```

Query Match	0.3%	Score 20;	DB 1;	Length 23;
Best Local Similarity	100.0%	Pred. No. 2.3e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483
Db	23	TTTTTTTTTTTTTTTTTTTT	4

RESULT 391  
US-09-901-484A-10







```
Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
Db      29 TTTGGCCGATGACATTAAGAAATTCTT 2

RESULT 399
US-10-061-395-91/c
; Sequence 91, Application US/10061395
; Publication No. US20020192675A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Smith, Ernest S.
; TITLE OF INVENTION: Methods of Identifying Regulator Molecules
; FILE REFERENCE: 1821.0080003
; CURRENT APPLICATION NUMBER: US/10/061,395
; PRIOR FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 60/271,423
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/265,880
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/265,589
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 7.5 Gus Sense primer
US-10-061-395-91

Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
Db      29 TTTGGCCGATGACATTAAGAAATTCTT 2

RESULT 400
US-10-052-942-134/c
; Sequence 134, Application US/10052942
; Publication No. US20030104402A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Smith, Ernest
; APPLICANT: Wei, Chungwen
; TITLE OF INVENTION: Methods of Producing or Identifying Intrabodies in Eukaryotic Cell
; FILE REFERENCE: 1821.0090004
; CURRENT APPLICATION NUMBER: US/10/052,942
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: 60/298,095
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/271,422
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/263,200
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/263,225
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 134
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer

US-10-052-942-134
Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
Db      29 TTTGGCCGATGACATTAAGAAATTCTT 2

RESULT 401
US-10-277-161-56/c
; Sequence 56, Application US/10277161
; Publication No. US20030194696A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Smith, Ernest S.
; TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucle
; TITLE OF INVENTION: of Interest
; FILE REFERENCE: 1821.0050006
; CURRENT APPLICATION NUMBER: US/10/277,161
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/192,586
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/203,343
; PRIOR FILING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: 60/263,226
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/271,426
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/818,991
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: 7.5Gus sense
US-10-277-161-56

Query Match          0.3%; Score 20; DB 1; Length 29;
Best Local Similarity 82.1%; Pred. No. 3.3e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5438 TTTGGCGCATGACAAAGAAATGAGTTCTT 5465
          ||||| ||||| ||||| ||||| |||||
Db      29 TTTGGCCGATGACATTAAGAAATTCTT 2

RESULT 402
US-10-321-039-423
; Sequence 423, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; PRIOR FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
```

SOFTWARE: PatentIn version 3.2  
SEQ ID NO 423  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-321-039-423

Query Match 0.3%; Score 20; DB 1; Length 29;  
Best Local Similarity 82.1%; Pred. No. 3.3e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2320 ATGTGTGCGAAGAACGCAATCAGACCC 2347  
Db 1 AGTGTGTGCGAAGAACGCAATCAGACCC 28

RESULT 403  
US-09-891-517-5  
Sequence 5, Application US/09891517  
Patent No. US20020106653A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGAWA, YOICHI  
APPLICANT: TORIMURA, MASAKI  
APPLICANT: KURATA, SHINYA  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS  
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA  
FILE REFERENCE: 210352US-1994-163-0-X  
CURRENT APPLICATION NUMBER: US/09/891,517  
CURRENT FILING DATE: 2001-06-27  
PRIOR APPLICATION NUMBER: JP2000-193133  
PRIOR FILING DATE: 2000-06-27  
PRIOR APPLICATION NUMBER: JP2000-236115  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: JP2000-292483  
PRIOR FILING DATE: 2000-09-26  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic DNA  
US-09-891-517-5

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.4e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4458 ATGACCTTTTGTGTTTTTTTGT 4485  
Db 3 ATATATTTTGTGTTTTTTTGT 30

RESULT 404  
US-09-891-517-6  
Sequence 6, Application US/09891517  
Patent No. US20020106653A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGAWA, YOICHI  
APPLICANT: TORIMURA, MASAKI  
APPLICANT: KURATA, SHINYA  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU

TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS  
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA  
FILE REFERENCE: 210352US-1994-163-0-X  
CURRENT APPLICATION NUMBER: US/09/891,517  
CURRENT FILING DATE: 2001-06-27  
PRIOR APPLICATION NUMBER: JP2000-193133  
PRIOR FILING DATE: 2000-06-27  
PRIOR APPLICATION NUMBER: JP2000-236115  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: JP2000-292483  
PRIOR FILING DATE: 2000-09-26  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic DNA  
US-09-891-517-6

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.4e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4458 ATGACCTTTTGTGTTTTTTTGT 4485  
Db 3 ATATATTTTGTGTTTTTTTGT 30

RESULT 405  
US-09-891-517-7  
Sequence 7, Application US/09891517  
Patent No. US20020106653A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGAWA, YOICHI  
APPLICANT: TORIMURA, MASAKI  
APPLICANT: KURATA, SHINYA  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS  
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA  
FILE REFERENCE: 210352US-1994-163-0-X  
CURRENT APPLICATION NUMBER: US/09/891,517  
CURRENT FILING DATE: 2001-06-27  
PRIOR APPLICATION NUMBER: JP2000-193133  
PRIOR FILING DATE: 2000-06-27  
PRIOR APPLICATION NUMBER: JP2000-236115  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: JP2000-292483  
PRIOR FILING DATE: 2000-09-26  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic DNA  
US-09-891-517-7

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. No. 3.4e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4458 ATGACCTTTTGTGTTTTTTTGT 4485  
Db 3 ATATATTTTGTGTTTTTTTGT 30

```
RESULT 406
US-09-891-517-8
; Sequence 8, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-8

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 407
US-09-891-517-9
; Sequence 9, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-9

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 408
US-09-891-517-10
; Sequence 10, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-10

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30

RESULT 409
US-09-891-517-11
; Sequence 11, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
```

;; CURRENT APPLICATION NUMBER: US/09/891,517  
;; CURRENT FILING DATE: 2001-06-27  
;; PRIOR APPLICATION NUMBER: JP2000-193133  
;; PRIOR FILING DATE: 2000-06-27  
;; PRIOR APPLICATION NUMBER: JP2000-236115  
;; PRIOR FILING DATE: 2000-08-03  
;; PRIOR APPLICATION NUMBER: JP2000-292483  
;; PRIOR FILING DATE: 2000-09-26  
;; NUMBER OF SEQ ID NOS: 108  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 11  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic DNA  
US-09-891-517-11

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. NO. 3.4e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTCTTTTCTTTTCT 4485  
DB 3 ATATATTTTCTTTTCTTTTCTTTT 30

RESULT 410  
US-09-891-517-12  
;; Sequence 12, Application US/09891517  
;; Patent No. US2002010653A1  
;; GENERAL INFORMATION:  
;; APPLICANT: KURANE, RYUICHIRO  
;; APPLICANT: KANAGAWA, TAKAHIRO  
;; APPLICANT: KANAGAWA, YOICHI  
;; APPLICANT: TORIMURA, MASAKI  
;; APPLICANT: KURATA, SHINYA  
;; APPLICANT: YAMADA, KAZUTAKA  
;; APPLICANT: YOKOMAKU, TOYOKAZU  
;; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS  
;; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA  
;; TITLE OF INVENTION: METHOD  
;; FILE REFERENCE: 210352US-1994-163-0-X  
;; CURRENT APPLICATION NUMBER: US/09/891,517  
;; CURRENT FILING DATE: 2001-06-27  
;; PRIOR APPLICATION NUMBER: JP2000-193133  
;; PRIOR FILING DATE: 2000-06-27  
;; PRIOR APPLICATION NUMBER: JP2000-236115  
;; PRIOR FILING DATE: 2000-08-03  
;; PRIOR APPLICATION NUMBER: JP2000-292483  
;; PRIOR FILING DATE: 2000-09-26  
;; NUMBER OF SEQ ID NOS: 108  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 12  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic DNA  
US-09-891-517-12

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. NO. 3.4e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTCTTTTCTTTTCT 4485  
DB 3 ATATATTTTCTTTTCTTTTCTTTT 30

RESULT 411  
US-09-891-517-13  
;; Sequence 13, Application US/09891517

;; Patent No. US2002010653A1  
;; GENERAL INFORMATION:  
;; APPLICANT: KURANE, RYUICHIRO  
;; APPLICANT: KANAGAWA, TAKAHIRO  
;; APPLICANT: KANAGAWA, YOICHI  
;; APPLICANT: TORIMURA, MASAKI  
;; APPLICANT: KURATA, SHINYA  
;; APPLICANT: YAMADA, KAZUTAKA  
;; APPLICANT: YOKOMAKU, TOYOKAZU  
;; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS  
;; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA  
;; TITLE OF INVENTION: METHOD  
;; FILE REFERENCE: 210352US-1994-163-0-X  
;; CURRENT APPLICATION NUMBER: US/09/891,517  
;; CURRENT FILING DATE: 2001-06-27  
;; PRIOR APPLICATION NUMBER: JP2000-193133  
;; PRIOR FILING DATE: 2000-06-27  
;; PRIOR APPLICATION NUMBER: JP2000-236115  
;; PRIOR FILING DATE: 2000-08-03  
;; PRIOR APPLICATION NUMBER: JP2000-292483  
;; PRIOR FILING DATE: 2000-09-26  
;; NUMBER OF SEQ ID NOS: 108  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 13  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic DNA  
US-09-891-517-13

Query Match 0.3%; Score 20; DB 1; Length 30;  
Best Local Similarity 82.1%; Pred. NO. 3.4e+02;  
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4458 ATGACCTTTTCTTTTCTTTTCT 4485  
DB 3 ATATATTTTCTTTTCTTTTCTTTT 30

RESULT 412  
US-10-683-386-4  
;; Sequence 4, Application US/10683386  
;; Publication No. US20040063137A1  
;; GENERAL INFORMATION:  
;; APPLICANT: KURANE, RYUICHIRO  
;; APPLICANT: KANAGAWA, TAKAHIRO  
;; APPLICANT: KANAGAWA, YOICHI  
;; APPLICANT: YAMADA, KAZUTAKA  
;; APPLICANT: YOKOMAKU, TOYOKAZU  
;; APPLICANT: KOYAMA, OSAMU  
;; APPLICANT: FURUSHO, KENYA  
;; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MC  
;; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA  
;; TITLE OF INVENTION: THE METHOD  
;; FILE REFERENCE: 0163-0758-0X  
;; CURRENT APPLICATION NUMBER: US/10/683,386  
;; CURRENT FILING DATE: 2000-04-20  
;; PRIOR APPLICATION NUMBER: US/09/556,127  
;; PRIOR FILING DATE: 2000-04-20  
;; PRIOR APPLICATION NUMBER: JP 1999-111601  
;; PRIOR FILING DATE: 1999-04-20  
;; NUMBER OF SEQ ID NOS: 70  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 4  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: ARTIFICIAL SEQUENCE  
;; FEATURE:  
;; OTHER INFORMATION: SYNTHETIC DNA  
US-10-683-386-4

Query Match 0.3%; Score 20; DB 1; Length 30;



```
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-8
```

```
Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30
```

```
RESULT 417
US-10-683-386-9
Sequence 9, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-9
```

```
Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30
```

```
RESULT 418
US-10-683-386-10
Sequence 10, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
```

```
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10
```

```
Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30
```

```
RESULT 419
US-10-683-386-11
Sequence 11, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MC
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-11
```

```
Query Match 0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 4458 ATGACCTTTTCTTTTCTTTTCTTGT 4485
Db 3 ATATATTTTCTTTTCTTTTCTTTTCTT 30
```





```
RESULT 423
US-10-209-608-4
; Sequence 4, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-4

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db      3 ATATATTTTTTTGTTTTTTTTTTT 30

RESULT 424
US-10-209-608-5
; Sequence 5, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
```

```
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-5

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db      3 ATATATTTTTTTGTTTTTTTTTTT 30

RESULT 425
US-10-209-608-6
; Sequence 6, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-6

Query Match      0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      4458 ATGACCTTTTGTGTTTTTTTGT 4485
Db      3 ATATATTTTTTTGTTTTTTTTTTT 30

RESULT 426
US-10-209-608-7
; Sequence 7, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
; FILE REFERENCE: 19953USOXDIY
; CURRENT APPLICATION NUMBER: US/10/209,608
```

```

; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-7
```

```

Query Match          0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30
```

```

RESULT 427
US-10-209-608-8
; Sequence 8, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KIRANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DNA
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-8
```

```

Query Match          0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30
```

```

RESULT 428
US-10-209-608-9
; Sequence 9, Application US/10209608
; Publication No. US20030082592A1
```

```

; GENERAL INFORMATION:
; APPLICANT: KIRANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DNA
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-9
```

```

Query Match          0.3%; Score 20; DB 1; Length 30;
Best Local Similarity 82.1%; Pred. No. 3.4e+02;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      4458 ATGACCTTTTCTTTTCTTTTCTTTTCTT 4485
Db      3 ATATATTTTCTTTTCTTTTCTTTTCTTTT 30
```

```

RESULT 429
US-10-209-608-10
; Sequence 10, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KIRANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DNA
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-10
```



```
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-20

Query Match          0.3%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 2.5e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7417 AGCAGCAGCAGCAGCAGCAGCAT 7439
DB      23 AGCAGCAGCAGCAGCAGCTCTAT 1

RESULT 434
US-10-433-561-46
; Sequence 46, Application US/10433561
; Publication No. US20040029178A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040029178A1el G Protein-Coupled Receptor Proteins and DNA
; FILE REFERENCE: P01-0255FCT
; CURRENT APPLICATION NUMBER: US/10/433,561
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: JP 2000-364801
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: JP 2001-087482
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: JP 2001-145434
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: JP 2001-270838
; PRIOR FILING DATE: 2001-09-06
; NUMBER OF SEQ ID NOS: 191
; SEQ ID NO 46
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-433-561-46

Query Match          0.3%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
DB      1 CAGCGCAGCAGCAGCAGCAGTA 23

RESULT 435
US-10-477-726-46
; Sequence 46, Application US/10477726
; Publication No. US20040110231A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Screening method
; FILE REFERENCE: P02-0058FCT
; CURRENT APPLICATION NUMBER: US/10/477,726
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 2001-145411
; PRIOR FILING DATE: 2001-05-15
```

```
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 46
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-477-726-46

Query Match          0.3%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGCAGCA 7435
DB      1 CAGCGCAGCAGCAGCAGCAGTA 23

RESULT 436
US-09-985-911-16
; Sequence 16, Application US/09985911
; Patent No. US2002015102A1
; GENERAL INFORMATION:
; APPLICANT: NI ET AL.
; TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III
; FILE REFERENCE: PF257D3
; CURRENT APPLICATION NUMBER: US/09/985,911
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/583,169
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 09/263,810
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: 08/821,451
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: 60/014,724
; PRIOR FILING DATE: 1996-03-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Primer Bind
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-985-911-16

Query Match          0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4460 GCACTTTTCTTTTCTTTTCTTTT 4482
DB      5 GTACCTTTTCTTTTCTTTTCTTTT 27

RESULT 437
US-10-182-434-2/c
; Sequence 2, Application US/10182434
; Publication No. US20030190633A1
; GENERAL INFORMATION:
; APPLICANT: TANGA, Michifumi
; APPLICANT: OKAMURA, Hiroshi
; APPLICANT: TAKAGI, Kenichi
; APPLICANT: TAKAHASHI, Kojiro
; TITLE OF INVENTION: SUPPORT FOR FIXING NUCLEOTIDE AND PROCESS FOR PRODUCING THE SAME
; FILE REFERENCE: TANGA5
; CURRENT APPLICATION NUMBER: US/10/182,434
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: JP 2000-019301
; PRIOR FILING DATE: 2000-01-27
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
```

```

; SEQ ID NO 2
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-182-434-2

Query Match          0.3%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 3.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 4466 TTTTTCCTTTTTCCTTTTCTT 4488
Db 23 TTTTTCCTTTTTCCTTTTGAAT 1

RESULT 438
US-10-467-019-7/c
; Sequence 7, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1el Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, hbv8-F1 primer
US-10-467-019-7

Query Match          0.3%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 7408 AACATCAGCAGCAGCAGCAGCAGCAG 7433
Db 26 AACAGCAGCGCAGCAGCAGCAGAGTAG 1

RESULT 439
US-09-878-756-8/c
; Sequence 8, Application US/09878756
; Patent No. US20020025322A1
; GENERAL INFORMATION:
; APPLICANT: Potter, Andrew A.
; APPLICANT: Bolton, Alexandra J.
; TITLE OF INVENTION: IMMUNIZATION OF DAIRY CATTLE WITH MIG PROTEIN
; FILE REFERENCE: 9000-0056
; CURRENT APPLICATION NUMBER: US/09/878,756
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer mig-7
US-09-878-756-8

Query Match          0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Cy 7203 GGTTTCACCTTAGTTCTTAACCTT 7228
Db 30 GTTTTCCTTAGTTCTTAGACTCT 5

RESULT 440
US-10-744-635-36/c
; Sequence 36, Application US/10744635
; Publication No. US20040180331A1
; GENERAL INFORMATION:
; APPLICANT: Vervooort, Marcel B.H.J.
; APPLICANT: van den Brule, Andrianus J.C.
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF EPSTEIN
; TITLE OF INVENTION: BARR VIRUS (EBV) NUCLEIC ACID
; FILE REFERENCE: 9310.17DV
; CURRENT APPLICATION NUMBER: US/10/744,635
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US 09/623,329
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: PCT/EP99/01392
; PRIOR FILING DATE: 1999-03-01
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Epstein-Barr Virus
US-10-744-635-36

Query Match          0.3%; Score 19.6; DB 1; Length 30;
Best Local Similarity 84.6%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 3367 TAATGTTTGGTGTCTCTCCCA 3392
Db 30 TATTGCTTGTCTCTCTCCCA 5

RESULT 441
US-09-828-034-14/c
; Sequence 14, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-14

Query Match          0.3%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 4460 GGACTTTTTCCTTTTTCCTTTT 4480
Db 21 GGACTGTTTTCCTTTTTCCTTTT 1

RESULT 442
```



```

; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13908
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13908
```

```
Query Match      0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5542 GGTGTCATGCAATGAGAGT 5565
Db      2 GGCCTGTCATGAGCTGAGAGT 25
```

```

RESULT 447
US-09-866-108-13909
; Sequence 13909, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13909
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13909
```

```
Query Match      0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5542 GGTGTCATGCAATGAGAGT 5565
Db      1 GGCCTGTCATGAGCTGAGAGT 24
```

```

RESULT 448
US-10-723-361-13908
; Sequence 13908, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13908
; LENGTH: 25
; TYPE: DNA
```

```

: ORGANISM: Homo sapiens
US-10-723-361-13908

Query Match      0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGCACATGAGAACT 5565
DB      2   GCGGTGCATGCAGCTGAGAACT 25

RESULT 449
US-10-723-361-13909
: Sequence 13909, Application US/10723361
: Publication No. US20040137589A1
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharon G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Mengheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
: FILE REFERENCE: PB0105
: CURRENT APPLICATION NUMBER: US/10/723,361
: CURRENT FILING DATE: 2003-11-26
: PRIOR APPLICATION NUMBER: US 09/866,108
: PRIOR FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 15755
: SOFTWARE: Aecomica Sequence Listing Engine
: SEQ ID NO 13909
: LENGTH: 25
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-723-361-13909

Query Match      0.3%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5542 GGTGTCATGCACATGAGAACT 5565
DB      1   GCGGTGCATGCAGCTGAGAACT 24

RESULT 450
US-09-381-624A-8
: Sequence 8, Application US/09381624A
: Patent No. US20020068349A1
: GENERAL INFORMATION:
: APPLICANT: Horinouchi, Sueharu
: APPLICANT: Satoh, Kohji

: APPLICANT: Takahashi, Bishaku
: TITLE OF INVENTION: GENE ENCODING TREHALOSE PHOSPHORYLASE, VECTOR CONTAINING THE GENE
: TITLE OF INVENTION: TRANSFORMANT TRANSFORMED BY THE GENE, AND METHOD FOR PRODUCING R
: TITLE OF INVENTION: TREHALOSE PHOSPHORYLASE WITH THE USE OF TRANSFORMANT
: FILE REFERENCE: FJIN-100
: CURRENT APPLICATION NUMBER: US/09/381,624A
: CURRENT FILING DATE: 1999-12-15
: PRIOR APPLICATION NUMBER: US 09/381,624
: PRIOR FILING DATE: 1999-12-15
: NUMBER OF SEQ ID NOS: 9
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 8
: LENGTH: 27
: TYPE: RNA
: ORGANISM: Grifolia frondosa
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: (7)..(7)
: OTHER INFORMATION: t
: NAME/KEY: modified_base
: LOCATION: (10)..(27)
: OTHER INFORMATION: t
US-09-381-624A-8

Query Match      0.3%; Score 19.2; DB 1; Length 27;
Best Local Similarity 12.5%; Pred. No. 4e+02;
Matches 3; Conservative 18; Mismatches 3; Indels 0; Gaps 0;

QY      4460 GGACTTTTCTTTTCTTTTCTTTT 4483
DB      4   GGAUCCUUUUUUUUUUUUUUUU 27

RESULT 451
US-09-263-959-524/C
: Sequence 524, Application US/09263959
: Patent No. US20020150891A1
: GENERAL INFORMATION:
: APPLICANT: Hood, Leroy E.
: APPLICANT: Rowen, Lee
: APPLICANT: Koop, Ben F.
: TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
: NUMBER OF SEQUENCES: 1279
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Seed and Berry LLP
: STREET: 6300 Columbia Center, 701 Fifth Avenue
: City: Seattle
: STATE: Washington
: COUNTRY: US
: ZIP: 98104-7092
: COMPUTER READABLE FORM:
: MEDIUM TYPE: floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/263,959
: FILING DATE: 05-MAR-1999
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: Mcmasters, David D.
: REGISTRATION NUMBER: 33,963
: REFERENCE/DOCKET NUMBER: 920010.426C2
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206) 622-4900
: TELEFAX: (206) 682-6031
: INFORMATION FOR SEQ ID NO: 524:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 27 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
US-09-263-959-524

```



Query Match 0.3%; Score 19.2; DB 1; Length 27;  
Best Local Similarity 87.5%; Pred. No. 4e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4465 TTTTCTTTTCTTTTCTTCTT 4488  
Db 26 TTTTCTTTTCTTTTCTTCTT 3

RESULT 452  
US-09-984-429-633

; Sequence 633, Application US/09984429  
; Publication No. US20040010132A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 53 Human Secreted Proteins  
; FILE REFERENCE: P2018P2  
; CURRENT APPLICATION NUMBER: US/09/984,429  
; CURRENT FILING DATE: 2001-10-30  
; PRIOR APPLICATION NUMBER: 60/244,591  
; PRIOR FILING DATE: 2000-11-01  
; PRIOR APPLICATION NUMBER: 09/288,143  
; PRIOR FILING DATE: 1999-04-08  
; PRIOR APPLICATION NUMBER: PCT/US98/21142  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/061,463  
; PRIOR FILING DATE: 1997-10-09  
; PRIOR APPLICATION NUMBER: 60/061,529  
; PRIOR FILING DATE: 1997-10-09  
; PRIOR APPLICATION NUMBER: 60/071,498  
; PRIOR FILING DATE: 1997-10-09  
; PRIOR APPLICATION NUMBER: 60/061,527  
; PRIOR FILING DATE: 1997-10-09  
; PRIOR APPLICATION NUMBER: 60/061,536  
; PRIOR FILING DATE: 1997-10-09  
; PRIOR APPLICATION NUMBER: 60/061,532  
; PRIOR FILING DATE: 1997-10-09  
; NUMBER OF SEQ ID NOS: 727  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 633  
; LENGTH: 44  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-984-429-633

Query Match 0.3%; Score 19.2; DB 1; Length 44;  
Best Local Similarity 75.0%; Pred. No. 7.5e+02;  
Matches 24; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4008 GTCTAAATGAGAAAAAGAGAAAAACAAAA 4039  
Db 11 GTCTCAAAAAAABAAAAAABAAAAA 42

RESULT 453  
US-09-917-138-1

; Sequence 1, Application US/09917138  
; Patent No. US20020031776A1  
; GENERAL INFORMATION:  
; APPLICANT: TULLIS, Richard  
; APPLICANT: STEIFEL, Jerome  
; TITLE OF INVENTION: ENZYMAIC LABELLING AND DETECTION OF DNA  
; FILE REFERENCE: 24730-2207B  
; CURRENT APPLICATION NUMBER: US/09/917,138  
; CURRENT FILING DATE: 2001-07-26  
; PRIOR APPLICATION NUMBER: 09/580,358  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 60/136,545  
; PRIOR FILING DATE: 1999-05-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide Primer  
; NAME/KEY: modified\_base  
; LOCATION: (1)  
; OTHER INFORMATION: Biotinylation at the 5' end  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: Combined DNA/RNA  
; US-09-917-138-1

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTT 4482  
Db 1 TTTTCTTTTCTTTTCTT 19

RESULT 454  
US-09-901-484A-515

; Sequence 515, Application US/09901484A  
; Patent No. US20020119460A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; APPLICANT: Bouguetoret, Lydie  
; TITLE OF INVENTION: Prostate Cancer Gene  
; FILE REFERENCE: GEN-T11XC3D2  
; CURRENT APPLICATION NUMBER: US/09/901,484A  
; CURRENT FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: US 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: US 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: US 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: US 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: US 09/853,526  
; PRIOR FILING DATE: 2001-05-11  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 515  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)-(19)  
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2  
; US-09-901-484A-515

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTT 4482  
Db 1 TTTTCTTTTCTTTTCTT 19

RESULT 455

; Sequence 515, Application US/09853526  
; Patent No. US2002016345A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel

```

; APPLICANT: Blumenfeld, Marca
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPLCP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-853-526-515
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482
          |||||
          1 TTTTTTTTTTTTTTTTTT 19
```

```

RESULT 456
US-09-970-971A-15
; Sequence 15, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-15
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482
          |||||
```

```
Db      1 TTTTTTTTTTTTTTTTTT 19
```

```

RESULT 457
US-09-970-971A-16
; Sequence 16, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTTTTTTTTTTTTTTTT 4482
          |||||
          1 TTTTTTTTTTTTTTTT 19
```

```

RESULT 458
US-09-970-971A-26
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26
```

```

Query Match      0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 459  
US-10-208-357-25/c  
; Sequence 25, Application US/10208357  
; Publication No. US20020182687A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurz, Markus  
; APPLICANT: Lohse, Peter  
; APPLICANT: Wagner, Richard  
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
; FILE REFERENCE: 50036/031002  
; CURRENT APPLICATION NUMBER: US/10/208,357  
; PRIOR FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US/09/619,103  
; PRIOR FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/145,834  
; PRIOR FILING DATE: 1999-07-27  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 25  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-25

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
DB 19 TTTT TTTT TTTT TTTT TTTT 1

RESULT 460  
US-10-123-597-1  
; Sequence 1, Application US/10123597  
; Publication No. US20030078415A1  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Fraser, Allister S  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS5040  
; CURRENT APPLICATION NUMBER: US/10/123,597  
; CURRENT FILING DATE: 2002-07-10  
; PRIOR APPLICATION NUMBER: 09/227,782  
; PRIOR FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
; NAME/KEY: misc\_feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy  
US-10-123-597-1

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 461  
US-10-123-597-2  
; Sequence 2, Application US/10123597  
; Publication No. US20030078415A1  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Fraser, Allister S  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS5040  
; CURRENT APPLICATION NUMBER: US/10/123,597  
; CURRENT FILING DATE: 2002-07-10  
; PRIOR APPLICATION NUMBER: 09/227,782  
; PRIOR FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
; NAME/KEY: misc\_feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
US-10-123-597-2

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT TTTT 4482  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 19

RESULT 462  
US-10-123-597-3  
; Sequence 3, Application US/10123597  
; Publication No. US20030078415A1  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Kawasaki, Andrew M  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Fraser, Allister S  
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
; FILE REFERENCE: ISIS5040  
; CURRENT APPLICATION NUMBER: US/10/123,597  
; CURRENT FILING DATE: 2002-07-10  
; PRIOR APPLICATION NUMBER: 09/227,782  
; PRIOR FILING DATE: 1999-01-08  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct  
; NAME/KEY: misc\_feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 2'-methoxyethoxy  
US-10-123-597-3

Query Match 0.3%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

RESULT 465
US-10-123-597-6
Sequence 6, Application US/10123597
Publication No. US20030078415A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muchiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (16)-(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No.2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0.

QY      4464 TTTTTTTTTTTTTTTTTT 4482
         |||||
Db       1 TTTTTTTTTTTTTTTTTT 19

RESULT 466
US-10-123-597-7
Sequence 7, Application US/10123597
Publication No. US20030078415A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muchiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIORITY APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

RESULT 470  
 US-10-123-S97-15  
 ; Sequence 15, Application US/10123597  
 ; Publication No. US20030078415A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cook, Phillip D  
 ; APPLICANT: Kawasaki, Andrew M  
 ; APPLICANT: Manoharan, Muthiah  
 ; APPLICANT: Prakash, Thazha P  
 ; APPLICANT: Fraser, Allister S  
 ; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides  
 ; FILE REFERENCE: ISIS5040  
 ; CURRENT APPLICATION NUMBER: US/10/123,597  
 ; CURRENT FILING DATE: 2002-07-10  
 ; PRIOR APPLICATION NUMBER: 09/227,782  
 ; PRIOR FILING DATE: 1999-01-08  
 ; NUMBER OF SEQ ID NOS: 28

```

: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 15
: LENGTH: 19
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
: NAME/KEY: misc feature
: LOCATION: (16)..(19)
: OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
: 5S-10-123-597-15

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.6e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	4482
Db	1	19

```

RESULT 471
US-10-123-597-25
/ Sequence 25, Application US/10123597
/ Publication No. US20030078415A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methyleneminoxyethoxy
US-10-123-597-25

```

Query Match	0.3%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2.6e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	4464	44822
Db	1	19

```

RESULT 472
US-10-100-321-24/C
; Sequence 24, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kuhl, Nurlth
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; PTE REFERENCE: 492632000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24

```

```

: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO: 24
: LENGTH: 19
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Primer
: US-10-100-331-24

```

Query Match	0.3%	Score 19	DB 1	Length 19
Best Local Similarity	100.0%	Pred. No. 2.6e+02		
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	4464	TTTTTTTTTTTTTTTTTTTTTTT	4482
Dd	19	TTTTTTTTTTTTTTTTTTTTTTT	1

```

RESULT 473
US-10-232-881-1
: Sequence 1, Application US/10232881
: Publication No. US20030088088A1
: GENERAL INFORMATION:
: APPLICANT: Ravikumar, Vasulunga
: APPLICANT: Manoharan, Muthia
: APPLICANT: Capaldi, Daniel
: APPLICANT: Krotz, Achim
: APPLICANT: Cole, Douglas
: APPLICANT: Guzaev, Andrei
: TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
: TITLE OF INVENTION: Compounds
: FILE REFERENCE: IS183380
: CURRENT APPLICATION NUMBER: US/10/232,881
: CURRENT FILING DATE: 2002-08-30
: PRIOR APPLICATION NUMBER: US/09/288,679
: PRIOR FILING DATE: 1999-04-09
: PRIOR APPLICATION NUMBER: 60/118,564
: PRIOR FILING DATE: 1999-02-04
: NUMBER OF SEQ ID NOS: 7
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 1
: LENGTH: 19
: TYPE: DNA
: ORGANISM: Artificial
: FEATURE:
: OTHER INFORMATION: No. US20030088088A1 Sequence
US-10-232-881-1

```

Query Match	0.3%	Score 19	DB 1	length 19
Best Local Similarity	100.0%	Pred. No.	2.6e+02	
Matches 19	Conservative 0	Mismatches 0	Indels 0	Gaps 0

[illegible]

```

RESULT 474
US-10-247-893-3
; Sequence 3, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thatha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s18-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040

```

```
;; PRIOR FILING DATE: 1999-07-07
;; NUMBER OF SEQ ID NOS: 25
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 3
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide
;; NAME/KEY: misc_feature
;; LOCATION: (16)..(19)
;; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-3
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```
RESULT 475
US-10-247-893-7
; Sequence 7, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-7
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```
RESULT 476
US-10-247-893-13
; Sequence 13, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
```

```
;; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
;; FILE REFERENCE: Isis-4406
;; CURRENT APPLICATION NUMBER: US/10/247,893
;; CURRENT FILING DATE: 2002-09-20
;; PRIOR APPLICATION NUMBER: US/09/612,531
;; PRIOR FILING DATE: 2000-07-07
;; PRIOR APPLICATION NUMBER: 09/349,040
;; PRIOR FILING DATE: 1999-07-07
;; NUMBER OF SEQ ID NOS: 25
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 13
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide
;; NAME/KEY: misc_feature
;; LOCATION: (17)..(17)
;; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
;; NAME/KEY: misc_feature
;; LOCATION: (19)..(19)
;; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-13
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```
RESULT 477
US-10-098-816-15
; Sequence 15, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: Isis3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15
```

```
Query Match          0.3%; Score 19; DB 1; Length 19;
```







```

; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; PRIOR FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: US/08/986,065
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino
; OTHER INFORMATION: conjugate to provide reactivity with dyes
US-10-170-172-16
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 485
; Sequence 325, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 325
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-205-309-325
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4466 TTTT TTTT TTTT TTTT TTTT 4484
Db      19 TTTT TTTT TTTT TTTT TTTT 1
```

```

RESULT 486
; Sequence 650, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674
```

```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 650
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-205-309-650
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 5.3%; Pred. No. 2.6e+02;
Matches 1; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4466 TTTT TTTT TTTT TTTT TTTT 4484
Db      1 UUUUUUUUUUUUUUUUUUG 19
```

```

RESULT 487
; Sequence 33, Application US/10331109
; Publication No. US20030215891A1
; GENERAL INFORMATION:
; APPLICANT: Bickel, et al.
; TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of molec
; TITLE OF INVENTION: Interactions on probe arrays
; FILE REFERENCE: 12671/1
; CURRENT APPLICATION NUMBER: US/10/331,109
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: PCT/EP01/07575
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: DE 100 33 334.6
; PRIOR FILING DATE: 2000-07-01
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:
; OTHER INFORMATION: Oligonucleotide probe
US-10-331-109-33
```

```

Query Match          0.3%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4482
Db      1 TTTT TTTT TTTT TTTT TTTT 19
```

```

RESULT 488
; Sequence 5, Application US/10359328
; Publication No. US20040009938A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-5140
; CURRENT APPLICATION NUMBER: US/10/359,328
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: US 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
```

```

US-09-005-243-32
: Sequence 32, Application US/09005243
: Patent No. US20020018763A1
: GENERAL INFORMATION:
: APPLICANT: Zsebo, Kristztina M.
: APPLICANT: BosseIman, Robert A.
: APPLICANT: Suggs, Sidney V.
: APPLICANT: Martin, Francis H.
: TITLE OF INVENTION: Stem Cell Factor
: NUMBER OF SEQUENCES: 104
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
: STREET: 6300 Sears Tower, 233 South Wacker Drive
: CITY: Chicago
: STATE: Illinois
: COUNTRY: United States of America
: ZIP: 60606-6402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/005,243
: FILING DATE:
:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/449,653
: FILING DATE: 24-MAY-1995
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/982,255
: FILING DATE: 25-NOV-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/589,701
: FILING DATE: 01-OCT-1990
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/573,616
: FILING DATE: 24-AUG-1990
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/537,198
: FILING DATE: 11-JUN-1990
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/422,383
: FILING DATE: 16-OCT-1989
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W.
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 01017/34465
: TELECOMMUNICATION INFORMATION:

```





OTHER INFORMATION: synthetic  
US-10-182-434-1

Query Match 0.3%; Score 19; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4466 TTTTCTTTCTTTCTTTCTTTG 4484  
|||||  
Db 6 TTTTCTTTCTTTCTTTCTTTG 24

RESULT 498  
US-10-297-277-4

Sequence 4, Application US/10297277  
Publication No. US20030215828A1  
GENERAL INFORMATION:  
APPLICANT: Mitsubishi, Masato  
APPLICANT: Kambara, Hideki  
APPLICANT: Matsunaga, Hiroko  
APPLICANT: Kawamura, Masafumi  
TITLE OF INVENTION: GENE MARKERS FOR LUNG CANCER  
FILE REFERENCE: HITACHI.046VPC  
CURRENT APPLICATION NUMBER: US/10/297,277  
PRIOR FILING DATE: 2002-12-04  
PRIOR APPLICATION NUMBER: 60/215,727  
PRIOR FILING DATE: 2000-06-21  
PRIOR APPLICATION NUMBER: 60/243,976  
PRIOR FILING DATE: 2000-10-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: anchor primer P4.  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)..(25)  
OTHER INFORMATION: n = A,T,C or G  
US-10-297-277-4

Query Match 0.3%; Score 19; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTCTTTCTTTCTTTCTTTT 4481  
|||||  
Db 5 CTTTCTTTCTTTCTTTCTTTT 23

RESULT 499  
US-10-336-638-464/C

Sequence 464, Application US/10336638  
Publication No. US20030170699A1  
GENERAL INFORMATION:  
APPLICANT: Pan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
TITLE OF INVENTION: Hypertension  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/10/336,638  
PRIOR FILING DATE: 2003-01-02  
PRIOR APPLICATION NUMBER: US/09/304,232  
PRIOR FILING DATE: 1999-05-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 464  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: GGREX1 125  
US-10-336-638-464

Query Match 0.3%; Score 19; DB 1; Length 29;  
Best Local Similarity 90.5%; Pred. No. 4.8e+02;  
Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCAG 7433  
|||||  
Db 21 CAGCAGCAGCAGCAGCAGCAG 1

RESULT 500  
US-09-927-777A-72

Sequence 72, Application US/09927777A  
Patent No. US20020172953A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert J.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
APPLICANT: Garimella, Viswanadham  
APPLICANT: Li, Zhi  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR  
FILE REFERENCE: 00-653-A  
CURRENT APPLICATION NUMBER: US/09/927,777A  
PRIOR FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 09/820,279  
PRIOR FILING DATE: 2001-03-28  
PRIOR APPLICATION NUMBER: 09/760,500  
PRIOR FILING DATE: 2001-01-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: ECT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/176,409  
PRIOR FILING DATE: 2000-01-13  
PRIOR APPLICATION NUMBER: 60/192,699  
PRIOR FILING DATE: 2000-03-28  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/213,906  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/224,631  
PRIOR FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/254,392  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/255,235  
PRIOR FILING DATE: 2000-12-11  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 72  
LENGTH: 35  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
OTHER INFORMATION: synthetic sequence

US-09-927-777A-72

Query Match 0.3%; Score 19; DB 1; Length 35;  
Best Local Similarity 71.4%; Pred. No. 6.1e+02;  
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3278 AAGAGAAAAATGAAACCAAGCCAGATCAATATT 3312  
DB 1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 501

US-10-397-579-2

; Sequence 2, Application US/10397579  
; Publication No. US20040038255A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirklin, Chad A  
; APPLICANT: Cao, Yun Wei  
; TITLE OF INVENTION: No. US20040038255A1-alloying Core Shell Nanoparticles  
; FILE REFERENCE: 01-661-B  
; CURRENT APPLICATION NUMBER: US/10/397,579  
; PRIOR APPLICATION NUMBER: US 10/034,451  
; PRIOR FILING DATE: 2001-12-28  
; PRIOR APPLICATION NUMBER: US 60/293,861  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 35  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Description of artificial sequence: Nanoparticle probe  
US-10-397-579-2

Query Match 0.3%; Score 19; DB 1; Length 35;  
Best Local Similarity 71.4%; Pred. No. 6.1e+02;  
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3278 AAGAGAAAAATGAAACCAAGCCAGATCAATATT 3312  
DB 1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 502

US-10-008-978-72

; Sequence 72, Application US/10008978  
; Publication No. US20030087242A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirklin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storhoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; APPLICANT: Garimella, Viswanadham  
; APPLICANT: Li, Zhi  
; APPLICANT: Park, So-Jung  
; APPLICANT: Lu, Gang  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-1272-C  
; CURRENT APPLICATION NUMBER: US/10/008,978  
; PRIOR APPLICATION NUMBER: 09/927,777  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 09/820,279  
; PRIOR FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/760,500  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/603,830

; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/176,409  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: 60/192,699  
; PRIOR FILING DATE: 2000-03-28  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/213,906  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 60/224,631  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: 60/254,392  
; PRIOR FILING DATE: 2000-12-08  
; PRIOR APPLICATION NUMBER: 60/254,418  
; PRIOR FILING DATE: 2000-12-08  
; PRIOR APPLICATION NUMBER: 60/255,235  
; PRIOR FILING DATE: 2000-12-11  
; PRIOR APPLICATION NUMBER: 60/255,236  
; PRIOR FILING DATE: 2000-12-11  
; PRIOR APPLICATION NUMBER: 60/282,640  
; PRIOR FILING DATE: 2000-04-01  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 72  
; LENGTH: 35  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
US-10-008-978-72

Query Match 0.3%; Score 19; DB 1; Length 35;  
Best Local Similarity 71.4%; Pred. No. 6.1e+02;  
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3278 AAGAGAAAAATGAAACCAAGCCAGATCAATATT 3312  
DB 1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 503

US-10-153-483-2

; Sequence 2, Application US/10153483  
; Publication No. US20030129608A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirklin, Chad A.  
; APPLICANT: Cao, Yun Wei  
; APPLICANT: Jin, Rongchao  
; TITLE OF INVENTION: NON-ALLOYING CORE SHELL NANOPARTICLES  
; FILE REFERENCE: 01-661-C  
; CURRENT APPLICATION NUMBER: US/10/153,483  
; PRIOR APPLICATION NUMBER: PCT/US01/50825  
; PRIOR FILING DATE: 2001-12-28  
; PRIOR APPLICATION NUMBER: 10/034,451  
; PRIOR FILING DATE: 2001-12-28  
; PRIOR APPLICATION NUMBER: 60/293,861  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: Microsoft Word 1998  
; SEQ ID NO 2  
; LENGTH: 35  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-153-483-2

Query Match          0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches    25; Conservative    0; Mismatches   10; Indels      0; Gaps      0;

Oy       3278 AAGAGAATAATGAACCGAGCCGATCATATT 3312
         ||||| ||| ||| ||| ||| ||| ||| |||
Db        1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 504
US-10-266-983-72
; Sequence 72, Application US/10266983
; Publication No. US20030207296A1
GENERAL INFORMATION:
APPLICANT: Patk, So-Jung
APPLICANT: Tacon, Thomas Andrew
APPLICANT: Mirkin, Chad A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 01-1565-A
CURRENT APPLICATION NUMBER: US/10/266,983
CURRENT FILING DATE: 2002-10-08
PRIOR APPLICATION NUMBER: 09/927,777
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 82
SOFTWARE: Microsoft Word 2000
SEQ ID NO 72
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
US-10-266-983-72

Query Match          0.3%; Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches    25; Conservative    0; Mismatches   10; Indels      0; Gaps      0;

Oy       3278 AAGAGAATAATGAACCGAGCCGATCATATT 3312
         ||||| ||| ||| ||| ||| ||| ||| |||
Db        1 AAAAAAAAAAAAAAAAAAATCCTTATCAATATT 35

RESULT 505
US-10-266-983-77
; Sequence 77, Application US/10266983
; Publication No. US20030207296A1
GENERAL INFORMATION:

```

```

; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; APPLICANT: Mitkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 77
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-77

Query Match      0.3% Score 19; DB 1; Length 35;
Best Local Similarity 71.4%; Pred. No. 6.1e+02;
Matches 25; Conservative 0; Mismatches 10; Indels 0; Gaps 0.

Cy       3278 AAGAAGAAATGAACCGACGACCAGATCAATATT 3312
          ||| ||||| ||| ||||| |||||
Db        1 AAAAAAAAAAAAAAAAAAATCCTTATCATATT 35

RESULT 506
US-09-888-615-120/c
; Sequence 120, Application US/09888615
; Patent No. US20020064856A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARVETZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSHANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/09/888,615
; CURRENT FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 120
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-888-615-120
```



Query Match 0.3%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAGCAGCAGC 7434  
DB 22 CTGACGACGACGACGACGAC 1

## RESULT 507

US-10-028-415-27/C  
; Sequence 27, Application US/10028415  
; Publication No. US20020151063A1  
; GENERAL INFORMATION:  
; APPLICANT: Lasham, Annette  
; TITLE OF INVENTION: Methods for Modulating Apoptotic Cell  
; TITLE OF INVENTION: Death  
; FILE REFERENCE: 11000.1004c3  
; CURRENT APPLICATION NUMBER: US/10/028.415  
; PRIOR FILING DATE: 2001-12-20  
; PRIOR APPLICATION NUMBER: PCT/N201/00286  
; PRIOR FILING DATE: 2001-11-28  
; PRIOR APPLICATION NUMBER: US 09/724,809  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 09/036,004  
; PRIOR FILING DATE: 1998-03-04  
; PRIOR APPLICATION NUMBER: US 08/713,557  
; PRIOR FILING DATE: 1996-08-30  
; NUMBER OF SEQ ID NOS: 40  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 27  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Human  
US-10-028-415-27

Query Match 0.3%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7410 CATCAGCAGCAGCAGCAGCAGC 7431  
DB 22 CACGACGACGACGACGACGAC 1

## RESULT 508

US-09-885-441-42  
; Sequence 42, Application US/09885441  
; Patent No. US2002014607A1  
; GENERAL INFORMATION:  
; APPLICANT: Xiao, Yonghong  
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine  
; FILE REFERENCE: 04974.00512  
; CURRENT APPLICATION NUMBER: US/09/885.441  
; PRIOR FILING DATE: 2001-06-21  
; PRIOR APPLICATION NUMBER: US 60/212,844  
; PRIOR FILING DATE: 2000-06-21  
; PRIOR APPLICATION NUMBER: US 60/244,171  
; PRIOR FILING DATE: 2000-10-31  
; PRIOR APPLICATION NUMBER: US 60/279,766  
; PRIOR FILING DATE: 2001-03-30  
; PRIOR APPLICATION NUMBER: PCT/  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 42  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-885-441-42

Query Match 0.3%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCAGCAGCA 7435  
DB 1 AGCAGCAGCAGCAGCAGCAGCA 22

## RESULT 509

US-10-424-836-42  
; Sequence 42, Application US/10424836  
; Publication No. US20030224430A1  
; GENERAL INFORMATION:  
; APPLICANT: Xiao, Yonghong  
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine  
; FILE REFERENCE: 04974.00512  
; CURRENT APPLICATION NUMBER: US/10/424.836  
; PRIOR FILING DATE: 2003-04-29  
; PRIOR APPLICATION NUMBER: US/09/885.441  
; PRIOR FILING DATE: 2001-06-21  
; PRIOR APPLICATION NUMBER: US 60/212,844  
; PRIOR FILING DATE: 2000-06-21  
; PRIOR APPLICATION NUMBER: US 60/244,171  
; PRIOR FILING DATE: 2000-10-31  
; PRIOR APPLICATION NUMBER: US 60/279,766  
; PRIOR FILING DATE: 2001-03-30  
; PRIOR APPLICATION NUMBER: PCT/  
; PRIOR FILING DATE: 2001-06-20  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 42  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-424-836-42

Query Match 0.3%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCAGCAGCA 7435  
DB 1 AGCAGCAGCAGCAGCAGCAGCA 22

## RESULT 510

US-10-309-775A-20  
; Sequence 20, Application US/10309775A  
; Publication No. US20040006032A1  
; GENERAL INFORMATION:  
; APPLICANT: Lopez, Ricardo A.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
; FILE REFERENCE: 2901/0M327  
; CURRENT APPLICATION NUMBER: US/10/309.775A  
; PRIOR FILING DATE: 2002-12-04  
; PRIOR APPLICATION NUMBER: CA 2,388,049  
; PRIOR FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 74  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 20  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: PCR primer  
US-10-309-775A-20

Query Match 0.3%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 3.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	4462	ACTTTT	TTTTTTTTTTTTTTTT	4483
Db	2	ATTTCG	TTTTTTTTTTTTTTTT	23

```

RESULT 511
US-10-309-775A-28
; Sequence 28, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-28

```

Query Match	0.3%	Score 18.8;	DB 1;	Length 24;
Best Local Similarity	90.9%;	Pred. No. 3.9e+02;		
Matches	20;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0

QY	4464	TTTTTTTTTTTTTTTTTTTT	TTTTGT	4485
D0	3	TTTTTTTTTTTTTTTTTTTT	CAATTTGT	24

```

RESULT 512
US-10-198-447A-22/c
/ Sequence 22, Application US/10198447A
/ Publication No. US20040018622A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitchell, Lloyd G.
/ APPLICANT: Puttaraju, Madalah
/ APPLICANT: Dallinger, Guenter
/ APPLICANT: Klausseger, Alfred
/ APPLICANT: Bauer, Johann
/ TITLE OF INVENTION: SPliceOSOME-MEDIATED RNA TRANS-SPlicing
/ TITLE OF INVENTION: FOR CORRECTION OF SKIN DISORDERS
/ FILE REFERENCE: A35306 069906.0115
/ CURRENT APPLICATION NUMBER: US/10/198,447A
/ CURRENT FILING DATE: 2002-07-17
/ NUMBER OF SEQ ID NOS: 31
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 22
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer
US-10-198-447A-22

```

Query Match	0.3%	Score 18.8;	DB 1;	Length 24;
Best Local Similarity	90.9%;	Pred. No. 3.9e+02;		
Matches	20;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0

QY		7415	GCAGCAGCAGCAGCAGCAC	7436
Db		24	GCAGCAGCAGCAGCCAGCTC	3

RESULT 513  
US-10-096-075-12/c

```

Sequence 12: Application US/10096075
Publication No. US20030225247A1
GENERAL INFORMATION:
APPLICANT: STAVRINPOULOS, JANNIS G.
TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEOTIC
TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
FILE REFERENCE: ENZ-61
CURRENT APPLICATION NUMBER: US/10/096,075
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 26
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-096-075-12

```

Query Match	0.3%	Score 18.8;	DB 1;	Length 26;
Best Local Similarity	90.9%;	Pred. No. 4.4e+02;		
Matches 20;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	4460	GGACTTTT	TTTTTTTT	TTTTTT	4481
Db	22	GGGGTTTT	TTTTTTTT	TTTTTT	1

```

RESULT 514
US-10-764-418-12/C
; Sequence 12, Application US/10764418
; Publication No. US20040176586A1
; GENERAL INFORMATION:
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: RABHANI, ELIABAR
; TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
; TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
; TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
; FILE REFERENCE: ENZ-61
; CURRENT APPLICATION NUMBER: US/10/764,418
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/096,075
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 26
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-764-418-12

```

Query Match	0.3%	Score 18.8;	DB 1;	Length 26;
Best Local Similarity	90.9%;	Pred. No. 4.4e+02;		
Matches 20;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	4460	GGAC	TTTTTTTTTTTTTTTTTTTT	TTTT	4481
Db	22	GGGG	TTTTTTTTTTTTTTTTTTTT	TTTT	1

```

RESULT 515
US-10-418-182-138/c
; Sequence 138 Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Cree, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418.182

```

;; CURRENT FILING DATE: 2003-04-16  
;; PRIOR APPLICATION NUMBER: 60/373,558  
;; PRIOR FILING DATE: 2002-04-17  
;; NUMBER OF SEQ ID NOS: 423  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 138  
;; LENGTH: 27  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: oligonucleotide  
US-10-418-182-138

Query Match 0.3%; Score 18.8; DB 1; Length 27;  
Best Local Similarity 90.9%; Pred. No. 4.6e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 7413 CAGCAGCAGCAGCAGCAGCAGC 7434  
DB 25 CGCAGCAGCAGCAGCAGCAGCAGC 4

RESULT 516  
US-09-263-959-420  
; Sequence 420, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMaisters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 420:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-420

Query Match 0.3%; Score 18.8; DB 1; Length 28;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4464 TTTTGTGTGTGTGTGTGTGTGTGT 4485  
DB 7 TTTTGTGTGTGTGTGTGTGTGTGTGT 28

RESULT 517

US-10-309-775A-74  
; Sequence 74, Application US/10309775A  
; Publication No. US20040006032A1  
; GENERAL INFORMATION:  
; APPLICANT: LOPEZ, Ricardo A.  
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND USES THEREOF  
; FILE REFERENCE: 2901/0M327  
; CURRENT APPLICATION NUMBER: US/10/309,775A  
; CURRENT FILING DATE: 2002-12-04  
; PRIOR APPLICATION NUMBER: CA 2,388,049  
; PRIOR FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 74  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 74  
; LENGTH: 28  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-309-775A-74

Query Match 0.3%; Score 18.8; DB 1; Length 28;  
Best Local Similarity 90.9%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 4462 ACTTTTGTGTGTGTGTGTGTGT 4483  
DB 6 ATTTGTGTGTGTGTGTGTGTGTGT 27

RESULT 518  
US-10-398-483-16/C  
; Sequence 16, Application US/10398483  
; Publication No. US20040166499A1  
; GENERAL INFORMATION:  
; APPLICANT: Haveshtizaki, Yoshinide  
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion a  
; FILE REFERENCE: 2870-0247P  
; CURRENT APPLICATION NUMBER: US/10/398,483  
; CURRENT FILING DATE: 2003-04-04  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 16  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library  
US-10-398-483-16

Query Match 0.2%; Score 18.6; DB 1; Length 25;  
Best Local Similarity 84.0%; Pred. No. 4.5e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4457 CAGGACTTTTGTGTGTGTGTGT 4481  
DB 25 CAGGACTTTTGTGTGTGTGTGT 1

RESULT 519  
US-09-563-728A-5  
; Sequence 5, Application US/09563728A  
; Publication No. US20030078216A1  
; GENERAL INFORMATION:  
; APPLICANT: Macleod, Alan R  
; APPLICANT: Li, Zoumei  
; APPLICANT: Besterman, Jeffrey M  
; TITLE OF INVENTION: Inhibition of Histone Deacetylase  
; FILE REFERENCE: 106101.229  
; CURRENT APPLICATION NUMBER: US/09/563,728A  
; CURRENT FILING DATE: 2000-05-03  
; PRIOR APPLICATION NUMBER: 60/132,287

```
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-09-563-728A-5
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 84.0%; Pred. No. 4.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCAATGCGGAGTU 25
```

```
RESULT 520
US-09-563-728A-14
; Sequence 14, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; CURRENT FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: 1-4 and 23-26 are modified
; OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose
; OTHER INFORMATION: substituted nucleotides; positions 5-22 are
; OTHER INFORMATION: deoxyribonucleotides
US-09-563-728A-14
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 76.0%; Pred. No. 4.7e+02;
Matches 19; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCAATGCGGAGTU 25
```

```
RESULT 521
US-10-145-493B-55
; Sequence 55, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
```

```
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 55
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-55
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 84.0%; Pred. No. 4.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCAATGCGGAGTT 25
```

```
RESULT 522
US-10-145-493B-89
; Sequence 89, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Robert
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Siders, William
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 89
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-89
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 26;
Best Local Similarity 76.0%; Pred. No. 4.7e+02;
Matches 19; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5574 CAGCAAGCTTGGCTCATGTGAGTT 5598
      ||||| ||||| ||||| |||||
Db 1 CAGCAAGTTATGGGTCAATGCGGAGTU 25
```

```
RESULT 523
US-09-735-363A-3
; Sequence 3, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3
```

```

; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-3
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 3622 GCGGTGGGGGTGGGAGAGAGGTAG 3646
      |||||||
Db 2 GGGGTGGGGGTGGGGGTGGGGGTGG 26
```

```

RESULT 524
US-09-735-363A-68
; Sequence 68, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Philion, Mario
; APPLICANT: Philion, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735.363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 68
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-68
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 3622 GCGGTGGGGGTGGGAGAGAGGTAG 3646
      |||||||
Db 2 GGGGTGGGGGTGGGGGTGGGGGTGG 26
```

```

RESULT 525
US-10-085-906-78
; Sequence 78, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Yung, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: CONSTITUTORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 78
; LENGTH: 27
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-78
```

```
Query Match          0.2%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy 4464 TTTTATTTTATTTTATTTTATTTT 4488
      |||||||
Db 2 TTTTATTTTATTTTATTTTATTTT 26
```

```

RESULT 526
US-09-005-243-33
; Sequence 33, Application US/09005243
; Patent No. US20020018763A1
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krietzina M.
; APPLICANT: Bosseiman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,243
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/34465
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```





```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-09-563-728A-6

Query Match
Best Local Similarity 95.0%; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
Db 20 CGCAGCAGCAGCAGCAGCA 1

RESULT 532
US-09-563-728A-15/c
; Sequence 15, Application US/09563728A
; Publication No. US2003078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: 1-4 and 17-20 are modified
; OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
; OTHER INFORMATION: substituted nucleotides; positions 5-16 are
; OTHER INFORMATION: deoxyribonucleotides
US-09-563-728A-15

Query Match
Best Local Similarity 95.0%; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
Db 20 CGCAGCAGCAGCAGCAGCA 1

RESULT 533
US-10-145-493B-51/c
; Sequence 51, Application US/10145493B
; Publication No. US2003009677A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-51

Query Match
Best Local Similarity 95.0%; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
Db 20 CGCAGCAGCAGCAGCAGCA 1

RESULT 534
US-10-154-890-4/c
; Sequence 4, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISI0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; PRIOR FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1 Sequence
US-10-154-890-4

Query Match
Best Local Similarity 95.0%; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4463 CTTTCTTTCTTTCTTTCTTTT 4482
Db 20 CTTTCTTTCTTTCTTTCTTTT 1

RESULT 535
US-10-032-585-4667/c
; Sequence 4667, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jians
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; PRIOR FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4667
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4667

Query Match
Best Local Similarity 95.0%; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7407 CAACATCAGCAGCAGCAGCA 7426
```





```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/175,608
FILING DATE: 16-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101/735199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-10-175-608-33

Query Match          0.2%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
DB 1 TTTT TTTT TTTT TTTT TTTT TTTT TAG 20

RESULT 541
US-10-175-608-34
Sequence 34, Application US/10175608
Publication No. US20040181044A1
GENERAL INFORMATION:
APPLICANT: Zsebo, Kristina M.
Boselman, Robert A.
Sugge, Sidney V.
Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/175,608
FILING DATE: 16-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101/735199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-175-608-34

Query Match          0.2%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
DB 1 TTTT TTTT TTTT TTTT TTTT TTTT TCG 20

RESULT 542
US-10-418-182-106
Sequence 106, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
PRIOR FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 106
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
```



Query Match	0.2%	Score 18.2;	DB 1;	Length 19;
Best Local Similarity	94.7%;	Pred. No. 3.5e+02;		
Matches 18; Conservative	1;	Mismatches 0;	Indels 0;	Gaps 0



Db 23 CTCCTTCTCCACCGCTTGG 1

RESULT 555  
US-09-978-295A-213  
Sequence 213, Application US/09978295A  
Patent No. US20020156006A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Thomas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C11  
CURRENT APPLICATION NUMBER: US/09/978,295A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656

PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
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Query Match 0.2%; Score 18.2; DB 1; Length 24;  
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Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGCCACAC 2573  
DB 2 CTGACCTTCCAGCTGAGCCACAC 24

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Sequence 213, Application US/09978697  
Patent No. US20020169284A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlitsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
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APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James J.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tuma, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC27  
CURRENT APPLICATION NUMBER: US/09/978,697  
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PRIOR FILING DATE: 2001-07-30  
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Db 2 CTGACCTTCAGCTGAGCCACAC 24

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/ GENERAL INFORMATION:  
/ APPLICANT: Ashkenazi, Avi  
/ APPLICANT: Baker Kevin P.  
/ APPLICANT: Botstein, David  
/ APPLICANT: Desnovers, Luc  
/ APPLICANT: Eaton, Dan  
/ APPLICANT: Ferrara, Napoleon



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APPLICANT: Stewart, Timothy A.  
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APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db      2      CTTGACCTTCAGCTGAGCCAC 24

RESULT 558
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; Sequence 213, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Bacon, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gettsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Gurney, Austin L.
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; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414

PRIOR FILING DATE: 1998-05-06  
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PRIOR APPLICATION NUMBER: 60/085323  
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PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.24; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACGAGCTGTGCGACAC 2573  
|||||  
Db 2 CTGACCTTCAGCTGACGACAC 24

RESULT 559  
US-09-978-189-213  
Sequence 213, Application US/09978189  
Publication No. US20030004102A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gutney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David U.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
ACIDS  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C7  
CURRENT APPLICATION NUMBER: US/09/978,189  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR FILING DATE: 1997-11-13  
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PRIOR APPLICATION NUMBER: 60/084637  
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PRIOR APPLICATION NUMBER: 60/084640  
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PRIOR FILING DATE: 1998-05-07  
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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGCCACAC 2573  
Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 560  
US-09-978-608A-213  
Sequence 213, Application US/09978608A  
Publication No. US20030045462A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guiney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C2  
CURRENT APPLICATION NUMBER: US/09/978,608A  
CURRENT FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm  
SEQ ID NO 213  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-978-608A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGCCACAC 2573  
Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 561  
US-09-978-585A-213  
Sequence 213, Application US/09978585A  
Publication No. US20030049633A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guiney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C15  
CURRENT APPLICATION NUMBER: US/09/978,585A  
CURRENT FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm  
SEQ ID NO 213  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-978-585A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;

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Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2551 CTGACCTGACGCTGTCCAC 2573
Db      2 CTGACCTTCCAGCTGACCAAC 24

RESULT 562
US-09-978-191A-213
; Sequence 213, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavhin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C4
; CURRENT APPLICATION NUMBER: US/09/978, 191A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/078939

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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4, 9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCACTGTGTCACAC 2573  
DB 2 CTGACCTTCAGCTAGGCACAC 24

RESULT 563  
US-09-978,403A-213  
Sequence 213, Application US/09978403A  
Publication No. US2003050240A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Auctin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C17  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: US/09/978,403A  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCACTGTCGACAC 2573
Db      2 CTGACCTTCACGCTGAGCCAC 24

RESULT 564
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; Sequence 213, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
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APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Balon, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
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APPLICANT: Godowski, Paul J.  
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APPLICANT: Gutney, Austin L.  
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APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
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APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C25  
CURRENT APPLICATION NUMBER: US/09/978,564A  
PRIOR FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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Query Match      0.24; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.04; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 565
US-09-999-833A-213
; Sequence 213, Application US/09999833A
; Publication No. US20030054405A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
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; APPLICANT: Godowski, Paul J.
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; APPLICANT: Kjaavin, Ivar J.
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
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; APPLICANT: Williams, P. Mickey
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 2551 CTSACCTTCAGCTGACACAC 2573

Db 2 CTSACCTTCAGCTGACACAC 24

RESULT 566

US-09-981-915A-213

Sequence 213, Application US/09981915A

Publication No. US20030054986A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Geo. Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottlieb, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J

APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James J.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C12  
CURRENT FILING DATE: US/09/981,915A  
PRIOR FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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Query Match 0.2%; Score 18.2; DB 1;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACGACGTGTGCCACAC 2573  
DB 2 CTGACCTTCAGCTGACGACAC 24

RESULT 567  
US-09-978-824-213

Sequence 213, Application US/09978824  
Publication No. US20030055216a1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geisler, Hanspeter  
APPLICANT: Gerltsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: P2630P1C14  
CURRENT APPLICATION NUMBER: US/09/978,824  
CURRENT FILING DATE: 2001-10-17  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTCGCACAC 2573  
Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 568  
US-09-918-585A-213  
; Sequence 213, Application US/09918585A  
; Publication No. US20030060406A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Peoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C1



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; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
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; PRIOR APPLICATION NUMBER: 60/086023
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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      2551 CTGACGTCACGCTGTGCCACAC 2573
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Db       2 CTGACCTTCACGCTGACCCACAC 24
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## RESULT 569

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US-09-978-423A-213
; Sequence 213, Application US/09978423A
; Publication No. US20030069178A1
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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C21
; CURRENT APPLICATION NUMBER: US/09/978, 423A
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.24; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCACTGCTGCAAC 2573  
Db 2 CTGACCTTCCAGCTGACCAAC 24

RESULT 570  
US-09-978-193A-213  
Sequence 213, Application US/09978193A  
Publication No. US20030073624A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gutney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paonli, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P16  
CURRENT APPLICATION NUMBER: US/09/978, 193A  
CURRENT FILING DATE: 2002-02-21  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10



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PRIORITY APPLICATION NUMBER: 60/085580
PRIORITY FILING DATE: 1998-05-15
PRIORITY APPLICATION NUMBER: 60/085573
PRIORITY FILING DATE: 1998-05-15
PRIORITY APPLICATION NUMBER: 60/085704
PRIORITY FILING DATE: 1998-05-15
PRIORITY APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY      2551 CTGACGTACGACGTGTGCACAC 2573
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DB      2 CTGACCTTCAGCTGACGAC 24

RESULT 571
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; Publication No. US20030077700A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunes, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C70
; CURRENT APPLICATION NUMBER: US/09/999, 830A
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; PRIORITY FILING DATE: 1997-10-17
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2551 CTGACGTACCACTGTGCCACAC 2573  
Db 2 CTGACCTTCACGCTGAGCCACAC 24  
  
RESULT 572  
US-09-978-757A-213  
; Sequence 213, Application US/09978757A  
; Publication No. US20030083248A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Geritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Thomas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC26  
; CURRENT APPLICATION NUMBER: US/09/978,757A  
;; CURRENT FILING DATE: 2002-03-19  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
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;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
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;; PRIOR FILING DATE: 1998-03-12  
;; PRIOR APPLICATION NUMBER: 60/078004  
;; PRIOR FILING DATE: 1998-03-13  
;; PRIOR APPLICATION NUMBER: 60/078886  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078936  
;; PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078910  
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PRIOR APPLICATION NUMBER: 60/079664  
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PRIOR APPLICATION NUMBER: 60/079663  
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PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
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PRIOR FILING DATE: 1998-04-01  
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PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
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PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796

PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
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PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
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PRIOR APPLICATION NUMBER: 60/084414  
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PRIOR FILING DATE: 1998-05-06  
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PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACGACGTGTGCACAC 2573  
n ||||| | ||||| |||||

Db 2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 573

US-09-776-479-60  
; Sequence 60, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 60  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-60

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4466 TTTTGTGCTTGTGCTT 4488  
Db 1 TTGTTTGTGTTTGTGTTT 23

RESULT 574

US-09-776-479-60  
; Sequence 60, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 60  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-60

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4466 TTTTGTGCTTGTGCTT 4488  
Db 1 TTGTTTGTGTTTGTGTTT 23

RESULT 575  
US-09-978-187B-213

; Sequence 213, Application US/09978187B  
; Publication No. US20030096744A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Guiney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PLC5  
; CURRENT APPLICATION NUMBER: US/09/978,187B  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
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; PRIOR APPLICATION NUMBER: 60/078910  
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; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
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; PRIOR FILING DATE: 1998-03-27

PRIOR APPLICATION NUMBER: 60/079663  
 PRIOR FILING DATE: 1998-03-27  
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 PRIOR FILING DATE: 1998-03-27  
 PRIOR APPLICATION NUMBER: 60/079786  
 PRIOR FILING DATE: 1998-03-27  
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 PRIOR FILING DATE: 1998-03-30  
 PRIOR APPLICATION NUMBER: 60/079923  
 PRIOR FILING DATE: 1998-03-30  
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 PRIOR FILING DATE: 1998-04-08  
 PRIOR APPLICATION NUMBER: 60/081195  
 PRIOR FILING DATE: 1998-04-08  
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 PRIOR FILING DATE: 1998-04-15  
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 PRIOR FILING DATE: 1998-04-22  
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 PRIOR FILING DATE: 1998-04-23  
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 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083495  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083496  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083499

PRIOR FILING DATE: 1998-04-29  
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 PRIOR FILING DATE: 1998-04-29  
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 PRIOR FILING DATE: 1998-05-13  
 PRIOR APPLICATION NUMBER: 60/085323  
 PRIOR FILING DATE: 1998-05-13  
 PRIOR APPLICATION NUMBER: 60/085582  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085700  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085689  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085579  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085580  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085573  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085704  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
 Beat Local Similarity 87.0%; Pred. No. 4.9e+02;  
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 2551 CTGACGTACGAGCTGTGCCACAC 2573  
 DB 2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 576  
 US-09-978-643A-213  
 Sequence 213, Application US/09978643A  
 Publication No. US20030104998A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi  
 APPLICANT: Baker Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc

```

; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC16
; CURRENT APPLICATION NUMBER: US/09/978,643A
; PRIORITY FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-643A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
DB      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 577
; Sequence 213, Application US/09978375A
; Publication No. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
```

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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC24
; CURRENT APPLICATION NUMBER: US/09/978,375A
; PRIORITY FILING DATE: 2002-04-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
DB      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 578
; Sequence 213, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC2
; CURRENT APPLICATION NUMBER: US/09/978,298A
; PRIORITY FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
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; PRIOR APPLICATION NUMBER: 60/085700
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACGCGTGTGCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 579
US-09-978-188A-213
; Sequence 213, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C8
; CURRENT APPLICATION NUMBER: US/09/978,188A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/085580

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PRIOR APPLICATION NUMBER: 60/085704  
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PRIOR APPLICATION NUMBER: 60/085697  
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Db 2 CTGACCTTCAGCTGACGACAC 24  
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US-09-978-681A-213  
Sequence 213, Application US/09978681A  
Publication No. US20030195148A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Denoyers, Luc  
APPLICANT: Batou, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottlieb, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavrin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tuma, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C18  
CURRENT APPLICATION NUMBER: US/09/978,681A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085573
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085704
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PRIOR APPLICATION NUMBER:	60/085697



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; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
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Db      2 CTGACCTTCAGCTGAGCCACAC 24

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RESULT 582
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; Publication No. US20030195344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PLC61
; CURRENT APPLICATION NUMBER: US/09/999,829A
; CURRENT FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 213
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; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-829A-213

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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
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 APPLICANT: Wood, William I.  
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCCAGCTGACCCACAC 24

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RESULT 584
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; Sequence 213, Application US/09978544A
; Publication No. US20030199436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsens, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.

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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC13
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
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Query Match 0.2%; Score 18.2; DB 1; Length 24;  
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Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACACGCTGTGCCACAC 2573  
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APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
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APPLICANT: Filvaroff, Ellen  
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APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
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APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.

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/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
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 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;  
 Best local similarity 87.0%; Pred. No. 4, 9e+02;  
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACGAGCTGTGCACAC 2573  
 Db 2 CTGACCTTCGACGTGACGACAC 24

RESULT 586  
 US-09-978-802A-213

Sequence 213, Application US/09978802A  
 Publication No. US20030199674A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
 APPLICANT: Baker Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan  
 APPLICANT: Ferrara, Napoleon  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerltgen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
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 APPLICANT: Kljavin, Iyar J.  
 APPLICANT: Kuo, Sophia S.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas P.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Shelton, David L.  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE REFERENCE: P2650P1C20  
 CURRENT APPLICATION NUMBER: US/09/978, 802A

CURRENT FILING DATE: 2001-10-16  
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;; PRIOR FILING DATE: 1998-05-13  
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;; PRIOR APPLICATION NUMBER: 60/085689  
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;; PRIOR APPLICATION NUMBER: 60/085579  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACCACTGTGACACAC 2573  
DB 2 CTGACCTTCACGCTGACACAC 24

RESULT 587  
US-10-164-749A-213  
; Sequence 213, Application US/10164749A  
; Publication No. US20040029218A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gertsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC60  
; CURRENT APPLICATION NUMBER: US/10/164,749A  
; CURRENT FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03

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; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCGAGCTGTGCCACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24

RESULT 588
US-09-999-831A-213
; Sequence 213, Application US/09999831A
; Publication No. US2004004832A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavich, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C8
; CURRENT APPLICATION NUMBER: US/09/999,831A
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 213
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; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCGAGCTGTGCCACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24

RESULT 589
US-10-013-917A-213
; Sequence 213, Application US/10013917A
; Publication No. US20040063921A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavich, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C82
; CURRENT APPLICATION NUMBER: US/10/013,917A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-917A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCGAGCTGTGCCACAC 2573
Db      2      CTGACCTTCAGCTGAGCCACAC 24

RESULT 590
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US-09-999-834A-213  
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; Publication No. US200306407A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavyn, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C75  
; CURRENT APPLICATION NUMBER: US/09/999, 834A  
; PRIOR FILING DATE: 2001-10-24  
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; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
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; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
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; PRIOR APPLICATION NUMBER: 60/079664  
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; PRIOR APPLICATION NUMBER: 60/084366
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; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-11
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; PRIOR FILING DATE: 1998-05-11
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; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
DB      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 591
US-10-162-521A-213
; Sequence 213, Application US/10162521A
; Publication No. US20030211092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
```

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC55
; CURRENT APPLICATION NUMBER: US/10/162,521A
; CURRENT FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-162-521A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
DB      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 592
US-10-145-016A-213
; Sequence 213, Application US/10145016A
; Publication No. US20030203433A1
; GENERAL INFORMATION:
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-016A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
```

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; Sequence 213, Application US/10145088A
; Publication No. US20030203434A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC49
; CURRENT APPLICATION NUMBER: US/10/145,088A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-088A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
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RESULT 593
US-10-145-088A-213
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RESULT 594  
US-10-145-092A-213  
Sequence 213, Application US/10145092A  
Publication No. US20030203435A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flivaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PC45  
CURRENT APPLICATION NUMBER: US/10/145,092A  
CURRENT FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 213  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-145-092A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2551 CTGACCTTCAGCTGTCACAC 2573

Db 2. CTGACCTTCAGCTGTCACAC 24  
RESULT 595  
US-10-145-129A-213  
Sequence 213, Application US/10145129A  
Publication No. US20030203436A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flivaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PC51  
CURRENT APPLICATION NUMBER: US/10/145,129A  
CURRENT FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 213  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-145-129A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2551 CTGACCTTCAGCTGTCACAC 2573

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2551 CTGACGTACGAGCTGTGCGCAC 2573  
Db 2 CTGACCTTCAGCTGAGCCAC 24

RESULT 596  
US-10-165-038A-213

; Sequence 213, Application US/10165038A  
; Publication No. US20030203441A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin J.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C29  
; CURRENT APPLICATION NUMBER: US/10/165,038A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 213  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-165-038A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGTACGAGCTGTGCGCAC 2573  
Db 2 CTGACCTTCAGCTGAGCCAC 24

RESULT 597  
US-10-165-353A-213

; Sequence 213, Application US/10165353A  
; Publication No. US20030203442A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin J.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C40  
; CURRENT APPLICATION NUMBER: US/10/165,353A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 213  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

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FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-353A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCGAGCTGTGCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 598
US-10-167-600-213
; Sequence 213, Application US//10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; PRIOR FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
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LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-600-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2551 CTGACGTACCGAGCTGTGCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 599
US-10-170-481A-213
; Sequence 213, Application US//10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C33
; CURRENT APPLICATION NUMBER: US/10/170,481A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
```

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/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-170-481A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
DB      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 600
US-10-172-039A-213
/ Sequence 213, Application US/10172039A
/ Publication No. US20030203445A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C30
/ CURRENT APPLICATION NUMBER: US/10/172,039A
/ PRIOR FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918565
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
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/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
DB      2 CTGACCTTCCAGCTGAGCCACAC 24

RESULT 601
US-10-210-028-213
/ Sequence 213, Application US/10210028
/ Publication No. US20030203446A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C52
/ CURRENT APPLICATION NUMBER: US/10/210,028
/ PRIOR FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-028-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACGACGTGTGCCACAC 2573
Db      2 CTGACCTTCGACGTGAGCCACAC 24
|||||
|||||

RESULT 602
US-10-314-578-60
; Sequence 60, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-60

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4466 TTTTGTGTGTGTGTGTGTGTGT 4488
Db      1 TTGTTTGTGTGTGTGTGTGT 23
|||||
|||||

RESULT 603
US-10-017-081A-213
; Sequence 213, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACGACGTGTGCCACAC 2573
Db      2 CTGACCTTCGACGTGAGCCACAC 24
|||||
|||||

RESULT 604
US-10-112-653-54
; Sequence 54, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-54

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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FILE REFERENCE: P2630P1C04
CURRENT APPLICATION NUMBER: US/10/013.921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/074450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080227
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081449
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
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PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643

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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTGACGCTGTGCCACAC 2573
Db      2 CTGACCTTCCAGCTGAGCCACAC 24
      ||||| ||||| ||||| |||||
      ||||| ||||| ||||| |||||

RESULT 608
US-10-013-929A-213
; Sequence 213, Application US/10013929A
; Publication No. US2003072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C89
; CURRENT FILING DATE: 2002-03-19
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/07450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
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; PRIOR FILING DATE: 1998-03-31
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; PRIOR FILING DATE: 1998-03-31
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; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
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; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
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; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
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PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
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PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCACTGTCCACAC 2573  
Db 2 CTGACCTTCCAGCTGAGCCACAC 24

## RESULT 609

US-10-016-177A-213

Sequence 213, Application US/10016177A

Publication No. US2003007313A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc

APPLICANT: Bacon, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C30

CURRENT APPLICATION NUMBER: US/10/016,177A

CURRENT FILING DATE: 2002-04-30

Prior application removed - See file wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 213

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-016-177A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 4,9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2551 CTGACGTACCACTGTGCCACAC 2573  
Db 2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 610  
US-10-166-709A-213  
; Sequence 213, Application US/10166709A  
; Publication No. US20030104536A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napiet, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC59  
; CURRENT APPLICATION NUMBER: US/10/166,709A  
; PRIOR FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
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; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
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; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
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; PRIOR FILING DATE: 1998-03-27  
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; PRIOR FILING DATE: 1998-04-08  
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; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
; PRIOR FILING DATE: 1998-04-23  
; PRIOR APPLICATION NUMBER: 60/083336

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1 PRIOR FILING DATE: 1998-04-27
2 PRIOR APPLICATION NUMBER: 60/083322
3 PRIOR FILING DATE: 1998-04-28
4 PRIOR APPLICATION NUMBER: 60/083392
5 PRIOR FILING DATE: 1998-04-29
6 PRIOR APPLICATION NUMBER: 60/083495
7 PRIOR FILING DATE: 1998-04-29
8 PRIOR APPLICATION NUMBER: 60/083496
9 PRIOR FILING DATE: 1998-04-29
10 PRIOR APPLICATION NUMBER: 60/083499
11 PRIOR FILING DATE: 1998-04-29
12 PRIOR APPLICATION NUMBER: 60/083545
13 PRIOR FILING DATE: 1998-04-29
14 PRIOR APPLICATION NUMBER: 60/083554
15 PRIOR FILING DATE: 1998-04-29
16 PRIOR APPLICATION NUMBER: 60/083558
17 PRIOR FILING DATE: 1998-04-29
18 PRIOR APPLICATION NUMBER: 60/083559
19 PRIOR FILING DATE: 1998-04-29
20 PRIOR APPLICATION NUMBER: 60/083500
21 PRIOR FILING DATE: 1998-04-29
22 PRIOR APPLICATION NUMBER: 60/083742
23 PRIOR FILING DATE: 1998-04-30
24 PRIOR APPLICATION NUMBER: 60/084366
25 PRIOR FILING DATE: 1998-05-05
26 PRIOR APPLICATION NUMBER: 60/084414
27 PRIOR FILING DATE: 1998-05-06
28 PRIOR APPLICATION NUMBER: 60/084441
29 PRIOR FILING DATE: 1998-05-06
30 PRIOR APPLICATION NUMBER: 60/084637
31 PRIOR FILING DATE: 1998-05-07
32 PRIOR APPLICATION NUMBER: 60/084639
33 PRIOR FILING DATE: 1998-05-07
34 PRIOR APPLICATION NUMBER: 60/084640
35 PRIOR FILING DATE: 1998-05-07
36 PRIOR APPLICATION NUMBER: 60/084598
37 PRIOR FILING DATE: 1998-05-07
38 PRIOR APPLICATION NUMBER: 60/084600
39 PRIOR FILING DATE: 1998-05-07
40 PRIOR APPLICATION NUMBER: 60/084627
41 PRIOR FILING DATE: 1998-05-07
42 PRIOR APPLICATION NUMBER: 60/084643
43 PRIOR FILING DATE: 1998-05-07
44 PRIOR APPLICATION NUMBER: 60/085339
45 PRIOR FILING DATE: 1998-05-13
46 PRIOR APPLICATION NUMBER: 60/085338
47 PRIOR FILING DATE: 1998-05-13
48 PRIOR APPLICATION NUMBER: 60/085323
49 PRIOR FILING DATE: 1998-05-13
50 PRIOR APPLICATION NUMBER: 60/085582
51 PRIOR FILING DATE: 1998-05-15
52 PRIOR APPLICATION NUMBER: 60/085700
53 PRIOR FILING DATE: 1998-05-15
54 PRIOR APPLICATION NUMBER: 60/085689
55 PRIOR FILING DATE: 1998-05-15
56 PRIOR APPLICATION NUMBER: 60/085579
57 PRIOR FILING DATE: 1998-05-15
58 PRIOR APPLICATION NUMBER: 60/085580
59 PRIOR FILING DATE: 1998-05-15
60 PRIOR APPLICATION NUMBER: 60/085573
61 PRIOR FILING DATE: 1998-05-15
62 PRIOR APPLICATION NUMBER: 60/085704
63 PRIOR FILING DATE: 1998-05-15
64 PRIOR APPLICATION NUMBER: 60/085697

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Query Match	0.2%	Score 18.2	DB 1	length 24
Best Similarity	87.0%	Pred. No. 4.9e+02		
Best Local				
Matches	20	Conservative	0	Mismatches 3, Indels 0, Gaps 0.
QY	2551	CTGACGTACCAAGCTGTGCCACAC	2573	
db	2	CTGACCTTCCAGCTGAGCCACAC	24	

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RESULT 611f1f1f
US-10-143-031A-213
/ Sequence 213, Application US/10143031A
/ Publication No. US20030138439A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Borstein, David
/ APPLICANT: Deenoyere, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C39
/ CURRENT APPLICATION NUMBER: US/10/143,031A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-031A-213

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Query Match	0.2%	Score 18.2;	DB 1;	Length 24;
Best Local Similarity	87.0%	Pred. No. 4.9e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;
QY +	2551	CTGACGTACCAAGCTGTGCCACAC	2573	

Db 2 CTGACCTTCCAGCTGAGCCAC 24

## RESULT 612

US-10-143-030A-213

; Sequence 213, Application US/10143030A

; Publication No. US20030147901A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin J.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavlin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C3

; CURRENT APPLICATION NUMBER: US/10/143, 030A

; CURRENT FILING DATE: 2002-08-27

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 213

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-143-030A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 2551 CTGACGTACGAGCTGTCACAC 2573  
Db 2 CTGACCTTCCAGCTGAGCCAC 24

## RESULT 613

US-10-002-967A-213

; Sequence 213, Application US/10002967A

; Publication No. US20030148373A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin J.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavlin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C72

; CURRENT APPLICATION NUMBER: US/10/002, 967A

; CURRENT FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

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; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078939

PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
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PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
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PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2551 CTGACGACAGCTGTGACAC 2573  
DB 2 CTGACCTTCAGCTGACGACAC 24

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RESULT 614
US-10-017-083A-213
; Sequence 213, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C67
; CURRENT APPLICATION NUMBER: US/10/017,083A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-083A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 615
US-10-145-128A-213
; Sequence 213, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-128A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 616
US-10-017-191A-213
; Sequence 213, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
```

APPLICANT: Gerber, Hanspeter  
 APPLICANT: Geritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Hillan, Kenneth J.  
 APPLICANT: Kijavlin, Ivar J.  
 APPLICANT: Kuo, Sophia S.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Shelton, David L.  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 FILE REFERENCE: P2630P1C62  
 CURRENT FILING DATE: 2001-10-24  
 PRIOR APPLICATION NUMBER: US/10/017,191A  
 PRIOR FILING DATE: 2001-07-30  
 PRIOR APPLICATION NUMBER: 60/062250  
 PRIOR FILING DATE: 1997-10-17  
 PRIOR APPLICATION NUMBER: 60/064249  
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 PRIOR APPLICATION NUMBER: 60/066364  
 PRIOR FILING DATE: 1997-11-21  
 PRIOR APPLICATION NUMBER: 60/07450  
 PRIOR FILING DATE: 1998-03-10  
 PRIOR APPLICATION NUMBER: 60/077632  
 PRIOR FILING DATE: 1998-03-11  
 PRIOR APPLICATION NUMBER: 60/077641  
 PRIOR FILING DATE: 1998-03-11  
 PRIOR APPLICATION NUMBER: 60/077649  
 PRIOR FILING DATE: 1998-03-11  
 PRIOR APPLICATION NUMBER: 60/077791  
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 PRIOR FILING DATE: 1998-03-30  
 PRIOR APPLICATION NUMBER: 60/079923  
 PRIOR FILING DATE: 1998-03-30  
 PRIOR APPLICATION NUMBER: 60/080105  
 PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080107  
 PRIOR FILING DATE: 1998-03-31  
 PRIOR APPLICATION NUMBER: 60/080165  
 PRIOR FILING DATE: 1998-03-31  
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 PRIOR FILING DATE: 1998-03-31  
 PRIOR APPLICATION NUMBER: 60/080327  
 PRIOR FILING DATE: 1998-04-01  
 PRIOR APPLICATION NUMBER: 60/080328  
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 PRIOR FILING DATE: 1998-04-01  
 PRIOR APPLICATION NUMBER: 60/080334  
 PRIOR FILING DATE: 1998-04-01  
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 PRIOR FILING DATE: 1998-04-29  
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 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083496  
 PRIOR FILING DATE: 1998-04-29  
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 PRIOR APPLICATION NUMBER: 60/083545  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083554  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083558  
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 PRIOR APPLICATION NUMBER: 60/083559  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083500  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083742

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; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. NO. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
         ||||| ||||| ||||| |||||
Db       2 CTGACCTTCACAGCTGAGCCACAC 24

RESULT 617
US-10-143-028A-213
; Sequence 213, Application US/10143028A
; Publication No. US20030180310A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C37
; CURRENT APPLICATION NUMBER: US/10/143,028A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-143-028A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. NO. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
         ||||| ||||| ||||| |||||
Db       2 CTGACCTTCACAGCTGAGCCACAC 24

RESULT 618
US-10-143-029A-213
; Sequence 213, Application US/10143029A
; Publication No. US20030180311A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```



APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillman, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paonli, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C54  
CURRENT APPLICATION NUMBER: US/10/143,029A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
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PRIOR APPLICATION NUMBER: 60/081203  
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PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414

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; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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OY      2551 CTGACGTACCGAGCTGTGCCACAC 2573
          ||||| ||||| ||||| |||||
Db       2 CTGACCTTCACGCTGAGCCACAC 24
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RESULT 619

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; Sequence 213, Application US/10145089A
; Publication No. US20030180867A1
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GENERAL INFORMATION:

```
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
```

```
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-089A-213
```

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Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      2551 CTGACGTACCGAGCTGTGCCACAC 2573
          ||||| ||||| ||||| |||||
Db       2 CTGACCTTCACGCTGAGCCACAC 24
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RESULT 620

```
; Sequence 213, Application US/10165067A
; Publication No. US20030185841A1
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GENERAL INFORMATION:

```
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
```

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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC42
; CURRENT APPLICATION NUMBER: US/10/165,067A
; PRIOR FILING DATE: 2001-10-19
; CURRENT APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-067A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACGACGTGTGCACAC 2573
Db      2 CTGACCTTCGACGTGAGCCACAC 24

RESULT 621
US-10-145-017A-213
; Sequence 213, Application US/10145017A
; Publication No. US20030186365A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
```

```

; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavina, Ivar U.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC32
; CURRENT APPLICATION NUMBER: US/10/145,017A
; PRIOR FILING DATE: 2001-10-19
; CURRENT APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-017A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACGACGTGTGCACAC 2573
Db      2 CTGACCTTCGACGTGAGCCACAC 24

RESULT 622
US-10-164-728A-213
; Sequence 213, Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
```

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 623
US-10-013-926A-213
; Sequence 213, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
```

```
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC80
; CURRENT APPLICATION NUMBER: US/10/013,926A
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 624
US-10-165-247A-213
; Sequence 213, Application US/10165247A
; Publication No. US20030190321A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
```

```

; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C41
; CURRENT APPLICATION NUMBER: US/10/165,247A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACAGCTGAGCCACAC 24

RESULT 625
US-10-145-124A-213
; Sequence 213, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
```

```

; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C41
; CURRENT APPLICATION NUMBER: US/10/145,124A
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-124A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCACAGCTGAGCCACAC 24

RESULT 626
US-10-160-502A-213
; Sequence 213, Application US/10160502A
; Publication No. US20030190703A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-160-502A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCGCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 627
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US-10-145-087A-213
; Sequence 213, Application US/10145087A
; Publication No. US20030194410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC47
; CURRENT APPLICATION NUMBER: US/10/145,087A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCGCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24
```

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RESULT 628
US-10-017-086A-213
; Sequence 213, Application US/10017086A
; Publication No. US20030194744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC64
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-086A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 629
US-10-164-829A-213
; Sequence 213, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

```
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC28
; CURRENT FILING DATE: 2001-10-19
; Prior Application Number: 09/918585
; Prior Filing Date: 2001-07-30
; Prior Application Number: 60/062250
; Prior Filing Date: 1997-10-17
; Prior Application Number: 60/064249
; Prior Filing Date: 1997-11-03
; Prior Application Number: 60/065311
; Prior Filing Date: 1997-11-13
; Prior Application Number: 60/066364
; Prior Filing Date: 1997-11-21
; Prior Application Number: 60/077450
; Prior Filing Date: 1998-03-10
; Prior Application Number: 60/077632
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077641
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077649
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077791
; Prior Filing Date: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-829A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2551 CTGACGTACCAAGCTGTGCCACAC 2573
Db      2 CTGACCTTCAGCTGAGCCACAC 24

RESULT 630
US-10-164-929A-213
; Sequence 213, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
```

```

; APPLICANT:  Fong, Sherman
; APPLICANT:  Gao, Wei-Qiang
; APPLICANT:  Gerber, Hanspeter
; APPLICANT:  Gerritsen, Mary E.
; APPLICANT:  Goddard, Audrey
; APPLICANT:  Godowski, Paul J.
; APPLICANT:  Grimaldi, J. Christopher
; APPLICANT:  Guiney, Austin L.
; APPLICANT:  Hillan, Kenneth J.
; APPLICANT:  Kijavyn, Ivar J.
; APPLICANT:  Kuo, Sophia S.
; APPLICANT:  Napier, Mary A.
; APPLICANT:  Pan, James;
; APPLICANT:  Paoni, Nicholas F.
; APPLICANT:  Roy, Margaret Ann
; APPLICANT:  Shelton, David L.
; APPLICANT:  Stewart, Timothy A.
; APPLICANT:  Tumas, Daniel
; APPLICANT:  Williams, P. Mickey
; APPLICANT:  Wood, William I.
; TITLE OF INVENTION:  Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE:  P2630PIC36
; CURRENT APPLICATION NUMBER:  US/10/164,929A
; PRIOR FILING DATE:  2001-10-19
; PRIOR APPLICATION NUMBER:  09/918585
; PRIOR FILING DATE:  2001-07-30
; PRIOR APPLICATION NUMBER:  60/062250
; PRIOR FILING DATE:  1997-10-17
; PRIOR APPLICATION NUMBER:  60/064249
; PRIOR FILING DATE:  1997-11-03
; PRIOR APPLICATION NUMBER:  60/065311
; PRIOR FILING DATE:  1997-11-13
; PRIOR APPLICATION NUMBER:  60/066364
; PRIOR FILING DATE:  1997-11-21
; PRIOR APPLICATION NUMBER:  60/077450
; PRIOR FILING DATE:  1998-03-10
; PRIOR APPLICATION NUMBER:  60/077632
; PRIOR FILING DATE:  1998-03-11
; PRIOR APPLICATION NUMBER:  60/077641
; PRIOR FILING DATE:  1998-03-11
; PRIOR APPLICATION NUMBER:  60/077649
; PRIOR FILING DATE:  1998-03-11
; PRIOR APPLICATION NUMBER:  60/077791
; PRIOR FILING DATE:  1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-164-929A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGTCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 631
US-10-013-922A-213
; Sequence 213, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

```

; APPLICANT:  Baton, Dan
; APPLICANT:  Ferrara, Napoleon
; APPLICANT:  Filvaroff, Ellen
; APPLICANT:  Fong, Sherman
; APPLICANT:  Gao, Wei-Qiang
; APPLICANT:  Gerber, Hanspeter
; APPLICANT:  Gerritsen, Mary E.
; APPLICANT:  Goddard, Audrey
; APPLICANT:  Godowski, Paul J.
; APPLICANT:  Grimaldi, J. Christopher
; APPLICANT:  Guiney, Austin L.
; APPLICANT:  Hillan, Kenneth J.
; APPLICANT:  Kijavyn, Ivar J.
; APPLICANT:  Kuo, Sophia S.
; APPLICANT:  Napier, Mary A.
; APPLICANT:  Pan, James;
; APPLICANT:  Paoni, Nicholas F.
; APPLICANT:  Roy, Margaret Ann
; APPLICANT:  Shelton, David L.
; APPLICANT:  Stewart, Timothy A.
; APPLICANT:  Tumas, Daniel
; APPLICANT:  Williams, P. Mickey
; APPLICANT:  Wood, William I.
; TITLE OF INVENTION:  Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE:  P2630PIC81
; CURRENT APPLICATION NUMBER:  US/10/013,922A
; PRIOR FILING DATE:  2001-10-25
; PRIOR APPLICATION NUMBER:  09/918585
; PRIOR FILING DATE:  2001-07-30
; PRIOR APPLICATION NUMBER:  60/062250
; PRIOR FILING DATE:  1997-10-17
; PRIOR APPLICATION NUMBER:  60/064249
; PRIOR FILING DATE:  1997-11-03
; PRIOR APPLICATION NUMBER:  60/065311
; PRIOR FILING DATE:  1997-11-13
; PRIOR APPLICATION NUMBER:  60/066364
; PRIOR FILING DATE:  1997-11-21
; PRIOR APPLICATION NUMBER:  60/077450
; PRIOR FILING DATE:  1998-03-10
; PRIOR APPLICATION NUMBER:  60/077632
; PRIOR FILING DATE:  1998-03-11
; PRIOR APPLICATION NUMBER:  60/077641
; PRIOR FILING DATE:  1998-03-11
; PRIOR APPLICATION NUMBER:  60/077649
; PRIOR FILING DATE:  1998-03-12
; PRIOR APPLICATION NUMBER:  60/077791
; PRIOR FILING DATE:  1998-03-12
; PRIOR APPLICATION NUMBER:  60/078004
; PRIOR FILING DATE:  1998-03-13
; PRIOR APPLICATION NUMBER:  60/078886
; PRIOR FILING DATE:  1998-03-20
; PRIOR APPLICATION NUMBER:  60/078936
; PRIOR FILING DATE:  1998-03-20
; PRIOR APPLICATION NUMBER:  60/078910
; PRIOR FILING DATE:  1998-03-20
; PRIOR APPLICATION NUMBER:  60/078939
; PRIOR FILING DATE:  1998-03-20
; PRIOR APPLICATION NUMBER:  60/079294
; PRIOR FILING DATE:  1998-03-25
; PRIOR APPLICATION NUMBER:  60/079656
; PRIOR FILING DATE:  1998-03-26
; PRIOR APPLICATION NUMBER:  60/079664
; PRIOR FILING DATE:  1998-03-27
; PRIOR APPLICATION NUMBER:  60/079689
; PRIOR FILING DATE:  1998-03-27
; PRIOR APPLICATION NUMBER:  60/079663
; PRIOR FILING DATE:  1998-03-27
; PRIOR APPLICATION NUMBER:  60/079728
; PRIOR FILING DATE:  1998-03-27
; PRIOR APPLICATION NUMBER:  60/079786
; PRIOR FILING DATE:  1998-03-27
; PRIOR APPLICATION NUMBER:  60/079920
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PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
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PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
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PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
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PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
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PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
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PRIOR FILING DATE: 1998-04-27  
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PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
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PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
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PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACGAGTGTGCCACAC 2573  
Db 2 CTGACCTTCACGCTGAGCCAC 24

RESULT 632  
US-10-020-445A-213  
Sequence 213, Application US/10020445A  
Publication No. US20030198994A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deanoysers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrata, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C74  
CURRENT APPLICATION NUMBER: US/10/020,445A  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
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PRIOR APPLICATION NUMBER: 60/079786  
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PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080165  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366

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; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
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; PRIOR APPLICATION NUMBER: 60/085339
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; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Cy 2551 CTGACGTACCACTGTGCGCACAC 2573
      ||||| ||||| ||||| |||||
Db 2 CTGACCTTCACGCTGACGCACAC 24

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RESULT 633
US-10-013-924A-213
; Sequence 213, Application US/10013924A
; Publication No. US20030199021A1

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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.

```

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; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC76
; CURRENT APPLICATION NUMBER: US/10/013,924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

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US-10-013-924A-213

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Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Cy 2551 CTGACGTACCACTGTGCGCACAC 2573
      ||||| ||||| ||||| |||||
Db 2 CTGACCTTCACGCTGACGCACAC 24

```

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RESULT 634
US-10-017-084A-213
; Sequence 213, Application US/10017084A
; Publication No. US20030203402A1

```

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; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.

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/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James I.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC66
/ CURRENT APPLICATION NUMBER: US/10/017,084A
/ CURRENT FILING DATE: 2002-04-30
/ Prior application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-084A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 635
US-10-017-085A-213
/ Sequence 213, Application US/10017085A
/ Publication No. US20030204055A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James I.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC73
/ CURRENT APPLICATION NUMBER: US/10/017,085A
/ CURRENT FILING DATE: 2002-04-30
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/ Prior Application removed - File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-085A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 636
US-10-013-916A-213
/ Sequence 213, Application US/10013916A
/ Publication No. US20030206915A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James I.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC79
/ CURRENT APPLICATION NUMBER: US/10/013,916A
/ CURRENT FILING DATE: 2002-04-30
/ Prior application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-916A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCACTGTGCCACAC 2573
Db      2 CTGACCTTCACGCTGAGCCACAC 24
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RESULT 637
US-10-143-026B-213
; Sequence 213, Application US/10143026B
; Publication No. US20030207803A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C58
; CURRENT APPLICATION NUMBER: US/10/143.026B
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-11
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-213
Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2551 CTGACGACACGCTGTCACAC 2573
DB 2 CTGACCTTCACGCTGACGACAC 24
RESULT 638
US-10-013-918A-213
; Sequence 213, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C77
; CURRENT APPLICATION NUMBER: US/10/013.918A
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
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; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
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;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079664  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079689  
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;; PRIOR APPLICATION NUMBER: 60/080107  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080165  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080194  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080327  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080328  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080333  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080334  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28

;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.2% Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 4.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2551 CTGACGTACCAAGTGTGCACAC 2573  
|||||  
Db 2 CTGACCTTCAGGTGACCAAC 24

RESULT 639  
US-10-013-928A-213

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/ Sequence 213, Application US/10013928A
/ Publication No. US20030215905A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C86
/ CURRENT APPLICATION NUMBER: US/10/013,928A
/ PRIOR FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-013-928A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2551 CTGACGTACGACGTGTGCGACAC 2573
DB 2 CTGACCTTCAGCTGAGCCACAC 24
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RESULT 640
US-10-162-522A-213
/ Sequence 213, Application US/10162522A
/ Publication No. US20030215908A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C56
/ CURRENT APPLICATION NUMBER: US/10/162,522A
/ PRIOR FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 213
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-162-522A-213

Query Match 0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY 2551 CTGACGTACGACGTGTGCGACAC 2573
```

```
Db          2  CTGACCTTCACGCTGAGCCAC 24
|||||
RESULT 641
US-10-013-923A-213
; Sequence 213, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C87
; CURRENT APPLICATION NUMBER: US/10/013,923A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551  CTGACGTACGCTGTCGACAC 2573
Db      2      CTGACCTTCACGCTGAGCCAC 24
|||||

RESULT 642
US-10-013-925A-213
; Sequence 213, Application US/10013925A
; Publication No. US20030216560A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C83
; CURRENT APPLICATION NUMBER: US/10/013,925A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551  CTGACGTACGCTGTCGACAC 2573
Db      2      CTGACCTTCACGCTGAGCCAC 24
|||||

RESULT 643
US-10-013-927A-213
; Sequence 213, Application US/10013927A
; Publication No. US20030216561A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C83
; CURRENT APPLICATION NUMBER: US/10/013,927A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-927A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551  CTGACGTACGCTGTCGACAC 2573
Db      2      CTGACCTTCACGCTGAGCCAC 24
|||||
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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C88
; CURRENT APPLICATION NUMBER: US/10/013,927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-927A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2551 CTGACGTACCACTGTGCCACAC 2573
      ||||| ||||| ||||| |||||
Db 2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 644
US-10-145-093A-213
; Sequence 213, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-093A-213

Query Match      0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2551 CTGACGTACCACTGTGCCACAC 2573
      ||||| ||||| ||||| |||||
Db 2 CTGACCTTCACGCTGAGCCACAC 24

RESULT 645
US-10-013-919A-213
; Sequence 213, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C85
; CURRENT APPLICATION NUMBER: US/10/013,919A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-919A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCGCACAC 2573
      ||||| ||||| ||||| ||||| |||||
Db      2 CTGACCTTCAGCGTGACGCACAC 24

RESULT 646
US-10-309-775A-26
; Sequence 26, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309, 775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,386, 049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-26

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4466 TTTTGTGTGTGTGTGTGTGT 4488
      ||||| ||||| ||||| ||||| |||||
Db      1 TTTTGTGTGTGTGTGTGTGT 23

RESULT 647
US-10-309-775A-73
; Sequence 73, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309, 775A
; CURRENT FILING DATE: 2002-12-04
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; PRIOR APPLICATION NUMBER: CA 2,386,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-73

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4466 TTTTGTGTGTGTGTGTGTGT 4488
      ||||| ||||| ||||| ||||| |||||
Db      1 TTTTGTGTGTGTGTGTGTGT 23

RESULT 648
US-10-013-920A-213
; Sequence 213, Application US/10013920A
; Publication No. US20040006219A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geiber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C78
; CURRENT APPLICATION NUMBER: US/10/013, 920A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 213
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-920A-213

Query Match          0.2%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2551 CTGACGTACCAAGCTGTGCGCACAC 2573
```

Db 2 CTGACCTTCAGCTGAGCAGAC 24

## RESULT 649

US-09-866-108-13907

Sequence 13907, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: A60MICA Sequence Listing Engine

SEQ ID NO 13907

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-13907

Query Match 0.2%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 5.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5542 GTGGTGATGAGATGAGAG 5564

Db 3 GCGGTGATGAGCTGAGAG 25

## RESULT 650

US-09-866-108-13910

Sequence 13910, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: A60MICA Sequence Listing Engine  
SEQ ID NO 13910  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-13910

Query Match 0.2%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 5.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5543 GTGGTGATGAGATGAGAGT 5565

Db 1 GCGGTGATGAGCTGAGAGT 23

RESULT 651

US-10-435-226-16

Sequence 16, Application US/10435226

Publication No. US20040038357A1

GENERAL INFORMATION:

APPLICANT: Obendorf, Ralph L.

APPLICANT: Ueda, Takashi

TITLE OF INVENTION: F4GOPYRITOL SYNTHASE GENES AND USES THEREOF

FILE REFERENCE: 19603/3911

CURRENT APPLICATION NUMBER: US/10/435,226

PRIOR FILING DATE: 2003-05-09

PRIOR APPLICATION NUMBER: 60/379,373

PRIOR FILING DATE: 2002-05-09

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 16

```

; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-035-226-16

```

Query Match	0.2%	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%;	Pred. No. 5.2e+02;		
Matches 20;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

```
QY      4460 GGACTTTT TTTTTTTT TTTT    4482
          ||| |   ||||| |   ||||| |
Db       3 GGCGGCTTT TTTTTTTT TTTT    25
```

```

RESULT 652
US-10-717-597-391/c
; Sequence 391, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Slonim, Donna K.
; APPLICANT: Stever, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-717-597-391

```

Query Match	0.2%;	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%;	Pred. No. 5.2e+02;		
Matches 20;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

Oy	551	TTGAGGTGACAATCCCTGGGGA	573
Db	25	TTGAGGTGACACTCCCTGAAGA	3

RESULT 653  
 US-10-723-361-13907  
 : Sequence 13907, Application US/10723361  
 : Publication No. US20040137589A1  
 : GENERAL INFORMATION:  
 : APPLICANT: GU, Yizhong  
 : APPLICANT: JI, Yonggang  
 : APPLICANT: PENN, Sharon G.  
 : APPLICANT: HANZEL, David K.  
 : APPLICANT: RANK, David R.  
 : APPLICANT: CHEN, Wensheng  
 : APPLICANT: SHANNON, Mark  
 : TITLE OF INVENTION: HUMAN WTOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
 : FILE REFERENCE: P80105  
 : CURRENT APPLICATION NUMBER: US/10/723,361  
 : CURRENT FILING DATE: 2003-11-26  
 : PRIOR APPLICATION NUMBER: US 09/866,108  
 : PRIOR FILING DATE: 2001-05-25  
 : PRIOR APPLICATION NUMBER: US 60/207,456  
 : PRIOR FILING DATE: 2000-05-26

```

? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 60/226,359
? PRIOR FILING DATE: 2000-09-27
? PRIOR APPLICATION NUMBER: PCT/US01/00666
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00664
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00665
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00665
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00668
? PRIOR FILING DATE: 2001-01-30
? Remaining Prior Application data removed - See File Wrapper or PALM.
? NUMBER OF SEQ ID NOS: 15755
? SOFTWARE: Aeomica Sequence Listing Engine
? SEQ ID NO 13907
? LENGTH: 25
? TYPE: DNA
? ORGANISM: Homo sapiens
? US-10-723-361-13907

```

Query Match	0.2%	Score 18.2;	DB 1;	Length 25;
Best Local Similarity	87.0%	Pred. No. 5.2e+02;		
Matches 20; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Oy 5542 GGTGGTCATGCAGATGGAGAAG 5564  
|||  
Db 3 GCGGTCATGGAGCTGGAGAAG 25

```

1      RESULT 654
2      US-10-723-361-13910
3      / Sequence 13910, Application US/10723361
4      / Publication No. US2004013589A1
5      / GENERAL INFORMATION:
6      / APPLICANT: GU, Yizhong
7      / APPLICANT: JI, Yonggang
8      / APPLICANT: PENN, Sharon G.
9      / APPLICANT: HANZEL, David K.
10     / APPLICANT: RANK, David R.
11     / APPLICANT: CHEN, Wensheng
12     / APPLICANT: SHANNON, Mark
13     / TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
14     / FILE REFERENCE: PB0105
15     / CURRENT APPLICATION NUMBER: US/10/723,361
16     / CURRENT FILING DATE: 2003-11-26
17     / PRIOR APPLICATION NUMBER: US 09/866,108
18     / PRIOR FILING DATE: 2001-05-25
19     / PRIOR APPLICATION NUMBER: US 60/207,456
20     / PRIOR FILING DATE: 2000-05-26
21     / PRIOR APPLICATION NUMBER: GB 24263,6
22     / PRIOR FILING DATE: 2000-10-04
23     / PRIOR APPLICATION NUMBER: US 60/236,359
24     / PRIOR FILING DATE: 2000-09-27
25     / PRIOR APPLICATION NUMBER: PCT/US01/00666
26     / PRIOR FILING DATE: 2001-01-30
27     / PRIOR APPLICATION NUMBER: PCT/US01/00667
28     / PRIOR FILING DATE: 2001-01-30
29     / PRIOR APPLICATION NUMBER: PCT/US01/00664
30     / PRIOR FILING DATE: 2001-01-30
31     / PRIOR APPLICATION NUMBER: PCT/US01/00669
32     / PRIOR FILING DATE: 2001-01-30
33     / PRIOR APPLICATION NUMBER: PCT/US01/00665
34     / PRIOR FILING DATE: 2001-01-30
35     / PRIOR APPLICATION NUMBER: PCT/US01/00668
36     / PRIOR FILING DATE: 2001-01-30
37     / Remaining Prior Application data removed - See File Wrapper or PALM.
38     / NUMBER OF SEQ ID NOS: 15755
39     / SOFTWARE: Aecomica Sequence Listing Engine

```

SEQ ID NO 13910  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-13910

Query Match 0.2%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 5.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

5543 GTGGTCATGCGATGAGAGT 5565  
1 GCGGTGATGAGCTGAGAGT 23

RESULT 655  
US-09-953-280-3  
Sequence 3, Application US/09953280  
Publication No. US20030073072A1  
GENERAL INFORMATION:  
APPLICANT: Havenga, Menzo  
APPLICANT: Vogels, Ronald  
APPLICANT: Bout, Abraham

TITLE OF INVENTION: CHIMERIC ADENOVIRUSES  
FILE REFERENCE: 2183-4123US  
CURRENT APPLICATION NUMBER: US/09/953.280  
CURRENT FILING DATE: 2001-09-14  
PRIOR APPLICATION NUMBER: US 09/348,354  
PRIOR FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 84  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 27  
TYPE: DNA

ORGANISM: Human Adenovirus Oligonucleotide  
US-09-953-280-3

Query Match 0.2%; Score 18.2; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 5.8e+02;  
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

5807 CCTGTCGCCATATGATGAATC 5833  
1 CCKGTATCCCATATGAAGTGAAGC 27

RESULT 656  
US-09-962-543E-5  
Sequence 5, Application US/09962543E  
Publication No. US20030180258A1  
GENERAL INFORMATION:  
APPLICANT: GALAPAGOS GENOMICS N.V.  
APPLICANT: Crucell Holland B.V.

TITLE OF INVENTION: Viral vectors having tissue tropism for T-lymphocytes, B- and mac  
TITLE OF INVENTION: cells  
FILE REFERENCE: GAL-004-PCT  
CURRENT APPLICATION NUMBER: US/09/962.543E  
CURRENT FILING DATE: 2001-09-25  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
US-09-962-543E-5

Query Match 0.2%; Score 18.2; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 5.8e+02;  
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

5807 CCTGTCGCCATATGATGAATC 5833

Db  
1 CCKGTATCCCATATGAAGTGAAGC 27

RESULT 657  
US-09-348-354A-3  
Sequence 3, Application US/09348354A  
Publication No. US20030017138A1  
GENERAL INFORMATION:  
APPLICANT: Havenga, Menzo  
APPLICANT: Vogels, Ronald  
APPLICANT: Bout, Abraham

TITLE OF INVENTION: CHIMERIC ADENOVIRUSES  
FILE REFERENCE: 2183-4123US  
CURRENT APPLICATION NUMBER: US/09/348,354A  
CURRENT FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 84  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Human Adenovirus Oligonucleotide  
US-09-348-354A-3

Query Match 0.2%; Score 18.2; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 5.8e+02;  
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

5807 CCTGTCGCCATATGATGAATC 5833  
1 CCKGTATCCCATATGAAGTGAAGC 27

RESULT 658  
US-10-040-949A-19  
Sequence 19, Application US/10040949A  
Publication No. US20030096415A1  
GENERAL INFORMATION:  
APPLICANT: Introgen BV  
APPLICANT: Havenga, Menzo  
APPLICANT: Vogels, Ronald

TITLE OF INVENTION: Infection with chimeric adenoviruses of cells negative for the  
TITLE OF INVENTION: adenovirus serotype 5 Coxsacki adenovirus receptor (CAR)  
FILE REFERENCE: 2183-5226US  
CURRENT APPLICATION NUMBER: US/10/040,949A  
CURRENT FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: WO01/04334  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: EP 99202234.3  
PRIOR FILING DATE: 1999-07-08  
PRIOR APPLICATION NUMBER: US 60/142,557  
PRIOR FILING DATE: 2000-07-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 19  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

FEATURE:  
NAME/KEY: misc feature  
LOCATION: (1)..(27)  
OTHER INFORMATION: tail oligonucleotide  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (11)..(16)  
OTHER INFORMATION: contains a NdeI restriction site at positions 11-16  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (3)..(3)  
OTHER INFORMATION: 'K' at position 3 indicates a nucleotide that may be either g or  
OTHER INFORMATION: c

```
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 's' at position 6 indicates a nucleotide that may be either g or
; OTHER INFORMATION: c
US-10-040-949A-19

Query Match          0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy      5807 CCTGTCTGCTATGTGATGATGAATC 5833
Db      1 CCKGTSTACCATATGAGATGAAGC 27

RESULT 659
US-10-783-510-21
; Sequence 21, Application US/10783510
; Publication No. US20040142473A1
; GENERAL INFORMATION:
; APPLICANT: Vogels, Ronald
; APPLICANT: Schouten, Govert J.
; TITLE OF INVENTION: Means and Methods for Fibroblast-Like or Macrophage-Like Cell
; TITLE OF INVENTION: Transduction
; FILE REFERENCE: 2183-3982.2US
; CURRENT APPLICATION NUMBER: US/10/783,510
; CURRENT FILING DATE: 2004-02-20
; PRIOR APPLICATION NUMBER: US/09/517,898
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/122,732
; PRIOR FILING DATE: 1999-03-03
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Version 3.1
; SEQ ID NO 21
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligonucleotide for amplification of DNA
; OTHER INFORMATION: fiber protein derived from adenovirus serotype
US-10-783-510-21

Query Match          0.2%; Score 18.2; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 5.8e+02;
Matches 20; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy      5807 CCTGTCTGCTATGTGATGATGAATC 5833
Db      1 CCKGTSTACCATATGAGATGAAGC 27

RESULT 660
US-10-371-600-3/c
; Sequence 3, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-3

Query Match          0.2%; Score 18.2; DB 1; Length 32;
Best Local Similarity 74.2%; Pred. No. 7.3e+02;
Matches 23; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy      4009 TCTAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 TCAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 661
US-10-371-600-4/c
; Sequence 4, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-4

Query Match          0.2%; Score 18.2; DB 1; Length 32;
Best Local Similarity 74.2%; Pred. No. 7.3e+02;
Matches 23; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy      4009 TCTAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 TCAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 662
US-09-809-545A-84
; Sequence 84, Application US/09809545A
; Patent No. US20020110804A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: White, R. Tyler
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
```



```
RESULT 667
US-09-776-479-939
; Sequence 939, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/1179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 668
US-09-776-479-939
; Sequence 939, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/1179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 669
US-09-370-541-14
; Sequence 14, Application US/09370541
; Publication No. US20030088079A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
US-09-370-541-14

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 670
US-09-979-275A-7
; Sequence 7, Application US/09979275A
; Publication No. US20040110919A1
; GENERAL INFORMATION:
; APPLICANT: NAGAI, HIROSHI
; APPLICANT: KURODA, KYOKO
; APPLICANT: NAKAJIMA, TERUMI
; TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
; TITLE OF INVENTION: ENCODING THE PROTEIN
; FILE REFERENCE: 037181.50611US
; CURRENT APPLICATION NUMBER: US/09/979,275A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/JPO1/02209
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: JP 2000-78967
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-09-979-275A-7

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4481
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```



Db 1 TTTT TTTT TTTT TTTT 18

RESULT 671  
US-10-389-417-97  
Sequence 97, Application US/10389417  
Publication No. US20040048014A1  
GENERAL INFORMATION:  
APPLICANT: Queen, Cary L.  
Co, Man Sung  
Schneider, William P.  
Landolfi, Nicholas P.  
Ceolnigh, Kathleen L.  
Sclck, Harold E.  
TITLE OF INVENTION: Improved Humanized Immunoglobulins  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESSES:  
ADDRESS: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/389,417  
FILING DATE: 13-Mar-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/325,000  
FILING DATE: 01-JUN-1999  
APPLICATION NUMBER: US 07/230,975  
FILING DATE: 28-DEC-1988  
APPLICATION NUMBER: US 07/310,252  
FILING DATE: 13-FEB-1989  
APPLICATION NUMBER: US 07/590,274  
FILING DATE: 28-SEP-1990  
APPLICATION NUMBER: US 07/634,278  
FILING DATE: 19-DEC-1990  
APPLICATION NUMBER: US 08/484,537  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 011823-002650US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 97:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "T at positions 13-18 may be  
present or absent"  
SEQUENCE DESCRIPTION: SEQ ID NO: 97:  
US-10-389-417-97

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4481

Db 1 TTTT TTTT TTTT TTTT 18

RESULT 672  
US-10-292-088-144  
Sequence 144, Application US/10292088  
Publication No. US2003021100A1  
GENERAL INFORMATION:  
APPLICANT: BEDIAN, VAHE  
APPLICANT: GLADUE, RONALD P.  
APPLICANT: CORVALAN, JOSE  
APPLICANT: JIA, XIAO-CHI  
APPLICANT: FENG, XIAO  
TITLE OF INVENTION: ANTIBODIES TO CD40  
FILE REFERENCE: ABX-PF/3 US  
CURRENT APPLICATION NUMBER: US/10/292,088  
CURRENT FILING DATE: 2003-03-14  
PRIOR APPLICATION NUMBER: 60/348,980  
PRIOR FILING DATE: 2001-11-09  
NUMBER OF SEQ ID NOS: 147  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 144  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-292-088-144

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4481  
Db 1 TTTT TTTT TTTT TTTT 18

RESULT 673  
US-10-314-578-913  
Sequence 913, Application US/10314578  
Publication No. US20030212026A1  
GENERAL INFORMATION:  
APPLICANT: Kries, Arthur M.  
APPLICANT: Schetter, Christian  
APPLICANT: Vollmer, Jorg  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
FILE REFERENCE: C1039/7035 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/10/314,578  
CURRENT FILING DATE: 2002-12-09  
PRIOR APPLICATION NUMBER: US 60/156,113  
PRIOR FILING DATE: 1999-09-25  
PRIOR APPLICATION NUMBER: US 60/156,135  
PRIOR FILING DATE: 1999-09-27  
PRIOR APPLICATION NUMBER: US 60/227,436  
PRIOR FILING DATE: 2000-08-23  
NUMBER OF SEQ ID NOS: 1145  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 913  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-913

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4481

Db 1 |||||  
1 TTTT TTTT TTTT TTTT 18

RESULT 674  
US-10-314-578-939  
; Sequence 939, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieger, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 939  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-939

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4481  
1 TTTT TTTT TTTT TTTT 18

RESULT 675  
US-10-125-295-9  
; Sequence 9, Application US/10125295  
; Publication No. US20020164572A1  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Ching-I Patsy  
; Wallace, Robert Bruce  
; Cossman, Jeffrey  
; French, Cynthia  
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
; to Preserve RNA and DNA  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/125,295  
; FILING DATE: 17-Apr-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/545,225  
; FILING DATE: 07-Apr-2000  
; APPLICATION NUMBER: US 08/884,029

; FILING DATE: 27-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Parent, Annette S.  
; REGISTRATION NUMBER: 42,058  
; REFERENCE/DOCKET NUMBER: 02558B-059100US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 13..18  
; OTHER INFORMATION: /mod\_base= OTHER  
; /note= "c at positions 13-18 may be  
; present or absent"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-10-125-295-9

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4481  
1 TTTT TTTT TTTT TTTT 18

RESULT 676  
US-10-208-357-24/C  
; Sequence 24, Application US/10208357  
; Publication No. US20020182687A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurtz, Markus  
; APPLICANT: Lohse, Peter  
; APPLICANT: Wagner, Richard  
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
; FILE REFERENCE: 50036/031002  
; CURRENT APPLICATION NUMBER: US/10/208,357  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US/09/619,103  
; PRIOR FILING DATE: 2000-07-19  
; PRIOR APPLICATION NUMBER: 60/145,834  
; PRIOR FILING DATE: 1999-07-27  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 24  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-24

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0;

QY 4464 TTTT TTTT TTTT TTTT 4481  
18 TTTT TTTT TTTT TTTT 1

RESULT 677  
US-10-112-653-882  
; Sequence 882, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:

```

; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 882
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-882
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 678
US-10-017-995-913
; Sequence 913, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 679
US-10-017-995-939
; Sequence 939, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
```

```

; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-939
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 680
US-10-206-613-4
; Sequence 4, Application US/10206613
; Publication No. US20030104432A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Zhidong
; APPLICANT: Jablons, David
; APPLICANT: You, Liang
; APPLICANT: He, Biao
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA
; FILE REFERENCE: 023070-119510US
; CURRENT APPLICATION NUMBER: US/10/206,613
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 60/308,190
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo dT-18
; OTHER INFORMATION: linker primer
US-10-206-613-4
```

```
Query Match      0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```

RESULT 681
US-10-056-479A-15
; Sequence 15, Application US/10056479A
; Publication No. US20030175678A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Hauteschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Marget E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; TITLE OF INVENTION: Desired Cell Phenotypes
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/056,479A
; CURRENT FILING DATE: 2003-02-07
```

```

; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PaetSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-056-479A-15

Query Match
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 682
US-10-352-704-12
; Sequence 12, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; KUMAREV, VIKTOR
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS

```

```

; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-352-704-12

Query Match
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 683
US-10-352-704-18/C
; Sequence 18, Application US/10352704
; Publication No. US20030176690A1
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; KUMAREV, VIKTOR
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-352-704-18

Query Match
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

OY 4464 TTTT TTTT TTTT TTTT 4481  
Db 18 TTTT TTTT TTTT TTTT 1

RESULT 684  
US-10-075-335-9  
Sequence 9, Application US/10075335  
Publication No. US20030186237A1  
GENERAL INFORMATION:  
APPLICANT: Gineberg, Stephen  
APPLICANT: Che, Shaoli  
TITLE OF INVENTION: Methods and Compositions of Amplifying RNA  
FILE REFERENCE: HO-P02202US2  
CURRENT APPLICATION NUMBER: US/10/075,335  
PRIOR FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/268,664  
PRIOR FILING DATE: 2001-02-14  
PRIOR APPLICATION NUMBER: 60/348,242  
PRIOR FILING DATE: 2001-11-07  
PRIOR APPLICATION NUMBER: 60/268,645  
PRIOR FILING DATE: 2001-02-14  
PRIOR APPLICATION NUMBER: 60/344,557  
PRIOR FILING DATE: 2001-11-07  
PRIOR APPLICATION NUMBER: 60/306,216  
PRIOR FILING DATE: 2001-07-18  
PRIOR APPLICATION NUMBER: 60/350,176  
PRIOR FILING DATE: 2001-11-09  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 9  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-075-335-9

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4481  
Db 1 TTTT TTTT TTTT TTTT 18

RESULT 685  
US-10-389-155-97  
Sequence 97, Application US/10389155  
Publication No. US20030229208A1  
GENERAL INFORMATION:  
APPLICANT: Queen, Cary L.  
Co, Man Sung  
Schneider, William P.  
Landolfi, Nicholas P.  
Coeligh, Kathleen L.  
Scliek, Harold E.  
TITLE OF INVENTION: Improved Humanized Immunoglobulins  
NUMBER OF SEQUENCES: 100  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/389,155  
FILING DATE: 13-Mar-2003  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/325,000  
FILING DATE: 01-JUN-1999  
APPLICATION NUMBER: US 07/290,975  
FILING DATE: 28-DEC-1988  
APPLICATION NUMBER: US 07/310,252  
FILING DATE: 13-FEB-1989  
APPLICATION NUMBER: US 07/590,274  
FILING DATE: 28-SEP-1990  
APPLICATION NUMBER: US 07/634,278  
FILING DATE: 19-DEC-1990  
APPLICATION NUMBER: US 08/484,537  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 011823-002650US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 97:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "T at positions 13-18 may be  
present or absent"  
SEQUENCE DESCRIPTION: SEQ ID NO: 97:  
US-10-389-155-97

Query Match 0.2%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4481  
Db 1 TTTT TTTT TTTT TTTT 18

RESULT 686  
US-10-271-602B-84/C  
Sequence 84, Application US/10271602B  
Publication No. US20040002073A1  
GENERAL INFORMATION:  
APPLICANT: Alice Xiang Li  
APPLICANT: Chazala Hashmi  
APPLICANT: Michael Seul  
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI  
FILE REFERENCE: eMAP-US  
CURRENT APPLICATION NUMBER: US/10/271,602B  
PRIOR FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/329,427  
PRIOR FILING DATE: 2001-10-14  
PRIOR APPLICATION NUMBER: 60/329,620  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 60/329,428  
PRIOR FILING DATE: 2001-10-14  
PRIOR APPLICATION NUMBER: 60/329,619  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 60/364,416  
PRIOR FILING DATE: 2002-03-14  
NUMBER OF SEQ ID NOS: 212  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 84

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-84
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT|TTTTTTTTTTTTTTT 4481
          |||||
Db       18 TTTT|TTTTTTTTTTTTTTT 1
```

```
RESULT 687
US-10-334-143-204
; Sequence 204, Application US/10334143
; Publication No. US20040009549A1
; GENERAL INFORMATION:
; APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH
; APPLICANT: SUDASANAM, SUCHA
; TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
; TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
; FILE REFERENCE: 038602/1543
; CURRENT APPLICATION NUMBER: US/10/334,143
; CURRENT FILING DATE: 2002-12-31
; PRIOR APPLICATION NUMBER: 60/343,169
; PRIOR FILING DATE: 2001-12-31
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 204
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides in length
US-10-334-143-204
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT|TTTTTTTTTTTTTTT 4481
          |||||
Db       1 TTTT|TTTTTTTTTTTTTTT 18
```

```
RESULT 688
US-10-321-039-541
; Sequence 541, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamlichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Javris, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: PORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
```

```

; SEQ ID NO 541
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-541
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      7415 GCAGCAGCAGCAGCAGCA 7432
          |||||
Db       1 GCAGCAGCAGCAGCAGCA 18
```

```
RESULT 689
US-10-653-416-26
; Sequence 26, Application US/10653416
; Publication No. US20040110201A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYOUNB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/10/653,416
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according
; OTHER INFORMATION: to the specification as filed
US-10-653-416-26
```

```
Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT|TTTTTTTTTTTTTTT 4481
          |||||
Db       1 TTTT|TTTTTTTTTTTTTTT 18
```

```
RESULT 690
US-10-785-744-15
; Sequence 15, Application US/10785744
; Publication No. US20040133941A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Hausenschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Nielsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Marget E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; TITLE OF INVENTION: Desired Cell Phenotypes
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/785,744
; CURRENT FILING DATE: 2004-02-23
```

```

; PRIOR APPLICATION NUMBER: US/10/056,479
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-785-744-15

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 691
US-10-360-854-11
; Sequence 11, Application US/10360854
; Publication No. US20040157220A1
; GENERAL INFORMATION:
; APPLICANT: Kurnool, Purnima
; APPLICANT: No, Betty
; TITLE OF INVENTION: Method and Apparatus for Sample Tracking
; FILE REFERENCE: 10255-020-999
; CURRENT APPLICATION NUMBER: US/10/360,854
; CURRENT FILING DATE: 2003-02-10
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: mammalian
US-10-360-854-11

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
Db 1 CAGCAGCAGCAGCAGCAG 18

RESULT 692
US-10-735-592-1
; Sequence 1, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Kriegl
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CRG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037,70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-1
```

```

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 693
US-10-628-525-30/c
; Sequence 30, Application US/10628525
; Publication No. US20040185114A1
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: Not Relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-628-525-30

Query Match          0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 694
US-09-917-138-2/c
; Sequence 2, Application US/09917138
; Publication No. US20020031776A1
; GENERAL INFORMATION:
; APPLICANT: Tullis, Richard
; APPLICANT: Steifpel, Jerome
US-09-917-138-2/c
```

```
; TITLE OF INVENTION: ENZYMATIC LABELLING AND DETECTION OF DNA
; FILE REFERENCE: 24730-22078
; CURRENT APPLICATION NUMBER: US/09/917,138
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/580,358
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/136,545
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: Combined DNA/RNA
US-09-917-138-2
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
      |||||
DB 18 TTTT TTTT TTTT TTTT TTTT 1
```

```
RESULT 695
US-09-996-292A-54
; Sequence 54; Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc_feature
; LOCATION: (19)-(19)
; OTHER INFORMATION: N= phenoxazine
US-09-996-292A-54
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
      |||||
DB 1 TTTT TTTT TTTT TTTT TTTT 18
```

```
RESULT 696
US-09-996-292A-55
; Sequence 55; Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
```

```
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc_feature
; LOCATION: (19)-(19)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-55
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
      |||||
DB 1 TTTT TTTT TTTT TTTT TTTT 18
```

```
RESULT 697
US-10-096-221-3/C
; Sequence 3; Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Muthiah
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27
; PRIOR APPLICATION NUMBER: US 60/274,236
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-096-221-3
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
      |||||
DB 19 TTTT TTTT TTTT TTTT TTTT 2
```

```
RESULT 698
US-10-100-321-22/C
; Sequence 22; Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Muthiah
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
```



```
;; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
;; FILE REFERENCE: 49269200500
;; CURRENT APPLICATION NUMBER: US/10/100,321
;; CURRENT FILING DATE: 2002-03-11
;; PRIOR APPLICATION NUMBER: US 60/274,550
;; PRIOR FILING DATE: 2001-03-09
;; NUMBER OF SEQ ID NOS: 24
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 22
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
;; NAME/KEY: misc_feature
;; LOCATION: 1
;; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-22
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      19 TTTT TTTT TTTT TTTT TTTT 2
```

```
RESULT 699
US-10-013-295-54
;; Sequence 54, Application US/10013295
;; Publication No. US20030175906A1
;; GENERAL INFORMATION:
;; APPLICANT: Manoharan, Muthiah
;; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
;; FILE REFERENCE: IS154948
;; CURRENT APPLICATION NUMBER: US/10/013,295
;; CURRENT FILING DATE: 2001-12-10
;; PRIOR APPLICATION NUMBER: 60/302,682
;; PRIOR FILING DATE: 2001-07-03
;; NUMBER OF SEQ ID NOS: 55
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 54
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: No. US20030175906A1el Sequence
;; NAME/KEY: misc_feature
;; LOCATION: (19)-(19)
;; OTHER INFORMATION: N= phenoxazine
US-10-013-295-54
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```
RESULT 700
US-10-013-295-55
;; Sequence 55, Application US/10013295
;; Publication No. US20030175906A1
;; GENERAL INFORMATION:
;; APPLICANT: Manoharan, Muthiah
;; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
;; FILE REFERENCE: IS154948
;; CURRENT APPLICATION NUMBER: US/10/013,295
;; CURRENT FILING DATE: 2001-12-10
```

```
;; PRIOR APPLICATION NUMBER: 60/302,682
;; PRIOR FILING DATE: 2001-07-03
;; NUMBER OF SEQ ID NOS: 55
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 55
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: No. US20030175906A1el Sequence
;; NAME/KEY: misc_feature
;; LOCATION: (19)-(19)
;; OTHER INFORMATION: N= G-clamp modification
US-10-013-295-55
```

```
Query Match          0.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT TTTT 4481
          |||||
Db      1 TTTT TTTT TTTT TTTT TTTT 18
```

```
RESULT 701
US-09-444-388-1
;; Sequence 1, Application US/09444388
;; Patent No. US20020170084A1
;; GENERAL INFORMATION:
;; APPLICANT: Koshiyama, Junko
;; TITLE OF INVENTION: Process for obtaining plant DNA fragment and use thereof
;; FILE REFERENCE: 100021-09042
;; CURRENT APPLICATION NUMBER: US/09/444,388
;; CURRENT FILING DATE: 1999-11-12
;; NUMBER OF SEQ ID NOS: 2
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 1
;; LENGTH: 26
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic primer for PCR
US-09-444-388-1
```

```
Query Match          0.2%; Score 18; DB 1; Length 26;
Best Local Similarity 80.8%; Pred. No. 5.9e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy      4455 GGCATGACCTTTT TTTT TTTT TTTT 4480
          |||||
Db      1 GCGAGGCCCTTT TTTT TTTT TTTT 26
```

```
RESULT 702
US-09-263-689-50/c
;; Sequence 50, Application US/09263689
;; Patent No. US20020150970A1
;; GENERAL INFORMATION:
;; APPLICANT: Ni, Jian
;; APPLICANT: Gentz, Reiner L.
;; APPLICANT: Ruben, Steven M.
;; TITLE OF INVENTION: Galectin 8, 9, 10 and 10SV
;; NUMBER OF SEQUENCES: 60
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Steirne, Kessler, Goldstein, & Fox P.L.L.C.
;; STREET: 1100 New York Ave., Suite 600
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20005-3934
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
```

```
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,689
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/946,914
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0560001/EKS/SGM
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-263-689-50

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 TGGAGCTGCTGCAGGCTCCGGCGG 52
DB 26 TGGAACTCGCTGAAGGCCCGGGCG 1

RESULT 703
US-09-951-121A-13/c
; Sequence 13, Application US/09951121A
; Publication No. US20030104978A1
; GENERAL INFORMATION:
; APPLICANT: Persson, Egon
; TITLE OF INVENTION: Human Coagulation Factor VII Variants
; FILE REFERENCE: 6224.200-US
; CURRENT APPLICATION NUMBER: US/09/951,121A
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: PA 2000 01361
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: 60/236,455
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-951-121A-13

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 983 CCAAGAGATCAAGGCTCAAGGTG 1008
DB 26 CCTGAGCTCAAGGCTCCTCAAGGTG 1

RESULT 704
US-10-235-674-50/c
; Sequence 50, Application US/10235674
; Publication No. US20030040081A1
```

```
GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Gentz, Reiner L.
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Galectin 9 and 10sv Polynucleotides
FILE REFERENCE: 1488.0560004
CURRENT APPLICATION NUMBER: US/10/235,674
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 09/656,450
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: US 09/263,689
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: US 08/946,914
PRIOR FILING DATE: 1997-10-09
PRIOR APPLICATION NUMBER: US 60/028,093
PRIOR FILING DATE: 1996-10-09
SOFTWARE: Patentin version 3.0
SEQ ID NO 50
LENGTH: 27
TYPE: DNA
ORGANISM: synthetic construct
US-10-235-674-50

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 TGGAGCTGCTGCAGGCTCCGGCGG 52
DB 26 TGGAACTCGCTGAAGGCCCGGGCG 1

RESULT 705
US-10-295-682-13/c
; Sequence 13, Application US/10295682
; Publication No. US20030100740A1
; GENERAL INFORMATION:
; APPLICANT: Persson, Egon
; TITLE OF INVENTION: Human Coagulation Factor VII Variants
; FILE REFERENCE: 6224.200-US
; CURRENT APPLICATION NUMBER: US/10/295,682
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: PA 2000 01361
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: 60/236,455
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-295-682-13

Query Match          0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. No. 6.3e+02;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 983 CCAAGAGATCAAGGCTCAAGGTG 1008
DB 26 CCTGAGCTCAAGGCTCCTCAAGGTG 1

RESULT 706
US-10-418-182-175
; Sequence 175, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberco
```

```

; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-175

Query Match      0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 23.1%; Pred. No. 6.3e+02;
Matches 6; Conservative 20; Mismatches 0; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGCAGCA 7438
Db      1 CAGSMKTAGSRKSMKMKMYKMMYMM 26

RESULT 707
US-10-418-182-414
; Sequence 414, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 414
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-414

Query Match      0.2%; Score 18; DB 1; Length 27;
Best Local Similarity 23.1%; Pred. No. 6.3e+02;
Matches 6; Conservative 20; Mismatches 0; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGCAGCA 7438
Db      1 CAGSMKTAGSRKSMKMKMYKMMYMM 26

RESULT 708
US-10-380-195A-15
; Sequence 15, Application US/10380195A
; Publication No. US2004007276A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Renne, Paul
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/88748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641

; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-15

Query Match      0.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGCAG 7433
Db      1 CAGTAGCAGCAGCAGCAGCG 21

RESULT 709
US-10-349-143-9116/c
; Sequence 9116, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C01
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9116
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-22333 for SEQ 1251, in comple
US-10-349-143-9116

Query Match      0.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3899 GTTACTTTCATGACATTTTTC 3919
Db      21 GTTCTTTCATGACATTTTTC 1

RESULT 710
US-09-776-479-61
; Sequence 61, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Pouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/77013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
```

```
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGCTT 4488
DB      1 TTTTGTGTTTGTGCTT 21
```

```
RESULT 711
US-09-776-479-61
; Sequence 61, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGCTT 4488
DB      1 TTTTGTGTTTGTGCTT 21
```

```
RESULT 712
US-10-314-578-61
; Sequence 61, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
```

```
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-61
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGCTT 4488
DB      1 TTTTGTGTTTGTGCTT 21
```

```
RESULT 713
US-10-112-653-55
; Sequence 55, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 55
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-55
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4468 TTTTGTGTTTGTGCTT 4488
DB      1 TTTTGTGTTTGTGCTT 21
```

```
RESULT 714
US-10-017-995-61
; Sequence 61, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-61
```

Query Match 0.2%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 5.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4468 TTTTGTGTTTGTGCTT 4488  
|||||  
Db 1 TTTTGTGTTTGTGCTT 21

## RESULT 715

US-10-106-749-3  
; Sequence 3, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Inscint, Inc.  
; APPLICANT: Woods, Daniel  
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS  
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE AND IDENTIFY ACTIVE EFFECTORS  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Patent version 3.1  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-3

Query Match 0.2%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 5.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4469 TTTTGTGTTTGTGCTT 4489  
|||||  
Db 1 TTTTGTGTTTGTGCTT 21

RESULT 716  
US-10-429-555-15/c  
; Sequence 15, Application US/10429555  
; Publication No. US20040016024A1  
; GENERAL INFORMATION:  
; APPLICANT: Ahrens, Jeffrey  
; APPLICANT: Shen, Jeffrey Q.  
; APPLICANT: Wang, Qi  
; APPLICANT: Weaver, Lisa  
; APPLICANT: Oulmasov, Tim  
; APPLICANT: Dubois, Patricia  
; TITLE OF INVENTION: Temporal Seed Promoters for Expressing Genes in Plants  
; FILE REFERENCE: 16515.144  
; CURRENT APPLICATION NUMBER: US/10/429,555  
; CURRENT FILING DATE: 2003-05-05  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patent version 3.1  
; SEQ ID NO 15  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic primer  
US-10-429-555-15

Query Match 0.2%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 5.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1850 AGGTGAAGACGTGTCAGA 1870  
|||||  
Db 22 AGGAGAAAGACGTGTCAGA 2

## RESULT 717

US-09-866-108-13911  
; Sequence 13911, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263,6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 13911  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-13911

Query Match 0.2%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5545 GGTGATGAGATGAGAGT 5565  
|||||  
Db 2 GGTGATGAGATGAGAGT 22

RESULT 718  
US-09-866-108-13912

```
; Sequence 13912, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13912
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13912

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5545 GGTGATGAGCTGAGAGAGT 5565
Db      1 GGTGATGAGCTGAGAGAGT 21
```

## RESULT 719

```
US-09-776-479-943
; Sequence 943, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
```

```
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 943
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-943
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTCTTTTCTTTTCTTTT 4480
Db      5 GGCGTTTCTTTTCTTTTCTTTT 25
```

## RESULT 720

```
US-09-776-479-943
; Sequence 943, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 943
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-943
```

```
Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTCTTTTCTTTTCTTTT 4480
Db      5 GGCGTTTCTTTTCTTTTCTTTT 25
```

## RESULT 721

```
US-10-314-578-943
; Sequence 943, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
```

PRIOR FILING DATE: 2000-08-23  
NUMBER OF SEQ ID NOS: 1145  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 943  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-943

Query Match 0.2%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4460 GGACTTTTTTTTTTTTTTTT 4480  
Db 5 GGGGTTTTTTTTTTTTTTTTT 25

RESULT 722  
US-10-112-653-911  
Sequence 911, Application US/10112653  
Publication No. US20030050268A1  
GENERAL INFORMATION:  
APPLICANT: Krleg, Arthur M.  
APPLICANT: Berg, Daniel J.  
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
FILE REFERENCE: C01039/700601(AWS)  
CURRENT FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: US 60/279,642  
PRIOR FILING DATE: 2001-03-29  
NUMBER OF SEQ ID NOS: 1040  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 911  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-911

Query Match 0.2%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4460 GGACTTTTTTTTTTTTTTTT 4480  
Db 5 GGGGTTTTTTTTTTTTTTTTT 25

RESULT 723  
US-10-017-995-943  
Sequence 943, Application US/10017995  
Publication No. US20030055014A1  
GENERAL INFORMATION:  
APPLICANT: Brattler, Robert L.  
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
FILE REFERENCE: C1037/7025 (HCL/MAT)  
CURRENT FILING DATE: 2001-12-18  
PRIOR APPLICATION NUMBER: US/10/017,995  
PRIOR FILING DATE: 2000-12-14  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 943  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence

US-10-017-995-943

Query Match 0.2%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4460 GGACTTTTTTTTTTTTTTTT 4480  
Db 5 GGGGTTTTTTTTTTTTTTTTT 25

RESULT 724  
US-10-098-263B-80656/C  
Sequence 80656, Application US/10098263B  
Publication No. US20030104410A1  
GENERAL INFORMATION:  
APPLICANT: Mittleman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759  
PRIOR FILING DATE: 2001-03-16  
NUMBER OF SEQ ID NOS: 131066  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 80656  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapien  
US-10-098-263B-80656

Query Match 0.2%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 6.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 719 CCATGAGGTACACCCCTGTGG 739  
Db 24 CCACGAGGTACACCTCTGTGG 4

RESULT 725  
US-10-723-361-13911  
Sequence 13911, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13911
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13911

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5545 GGTGCATGAGAGTGAAGT 5565
Db      2 GGTGCATGAGAGTGAAGT 22

RESULT 726
US-10-723-361-13912
; Sequence 13912, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MTOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13912
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13912

Query Match          0.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5545 GGTGCATGAGAGTGAAGT 5565
Db      1 GGTGCATGAGAGTGAAGT 21
```

```
RESULT 727
US-10-108-969-8/c
; Sequence 8, Application US/10108969
; Publication No. US20030198959A1
; GENERAL INFORMATION:
; APPLICANT: Kurnit, David M.
; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia
; FILE REFERENCE: 65988-0001
; CURRENT APPLICATION NUMBER: US/10/108,969
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human beta-actin reverse primer
US-10-108-969-8

Query Match          0.2%; Score 17.8; DB 1; Length 32;
Best Local Similarity 75.9%; Pred. No. 8.4e+02;
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAACAAA 4039
Db      30 TAAATGAGAAAAAGAGAAACAAA 2

RESULT 728
US-10-309-775A-20/c
; Sequence 20, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM4327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-20

Query Match          0.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAACAAATG 4041
Db      24 AAAAAAGAGAGAAACAAATG 1

RESULT 729
US-10-655-751-36
; Sequence 36, Application US/10655751
; Publication No. US20040138423A1
; GENERAL INFORMATION:
; APPLICANT: WANG, XIU-HONG
; APPLICANT: KING, GLENN F.
; TITLE OF INVENTION: INSECTICIDAL COMPOUNDS AND METHODS FOR SELECTION THEREOF
; FILE REFERENCE: 883933,0091
; CURRENT APPLICATION NUMBER: US/10/655,751
```



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; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 10/436,324
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: 09/780,874
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,532
; PRIOR FILING DATE: 2000-02-10
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-655-751-36

Query Match          0.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 6.2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4460 GGACCTTTTCTTTTCTTTTCTTTT 4483
Db 1 GGGCAGGCTTTTCTTTTCTTTTCTTTT 24

RESULT 730
US-09-838-386-22
; Sequence 22, Application US/09838386
; Patent No. US20010055756A1
; GENERAL INFORMATION:
; APPLICANT: Kukoilj, George
; TITLE OF INVENTION: Internal De No. US20010055756A10 Initiation Sites of the HCV NS5B
; TITLE OF INVENTION: Theroeof
; FILE REFERENCE: 1011.2180001
; CURRENT APPLICATION NUMBER: US/09/838,386
; CURRENT FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 60/198,793
; PRIOR FILING DATE: 2000-04-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: RNA Initiation site
US-09-838-386-22

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 4.2%; Pred. No. 6.5e+02;
Matches 1; Conservative 19; Mismatches 4; Indels 0; Gaps 0;

Cy 4465 TTTTCTTTTCTTTTCTTTTCTTTT 4488
Db 1 UUUUUUUUUUUUUUUUUUUUUUUUU 24

RESULT 731
US-10-098-263B-96623
; Sequence 96623, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
```

```

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 96623
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-96623

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 7405 AGCAACATCAGCAGCAGCAGCAGC 7428
Db 1 AGCGACAGCAGCAGCAGCAGCAGCGC 24

RESULT 732
US-10-098-263B-113847
; Sequence 113847, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 113847
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-113847

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 2193 CCGCATCATCTTCTTACCGAGATGG 2216
Db 2 CCGTATCCTCCTCTTACCAAGATGG 25

RESULT 733
US-10-098-263B-124486
; Sequence 124486, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 124486
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-124486

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 2595 TGCTCTATCCAGCAGCAGCAGCTGCTA 2618
Db 1 TGTCTGTGCTCCAGGAGCTGCGCTA 24
```

```
RESULT 734
US-10-098-263B-130464/c
; Sequence 130464, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 130464
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-130464

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6597 AAGTTGACGTTCTCTCCCATC 6620
DB 25 AAGTCCGACGTTCTCTCTCTC 2

RESULT 735
US-10-273-762-13/c
; Sequence 13, Application US/10273762
; Publication No. US20030147881A1
; GENERAL INFORMATION:
; APPLICANT: CHEUNG, Nai-Kong V
; APPLICANT: GUO, Hong-fen
; TITLE OF INVENTION: METHOD FOR PREPARATION OF SINGLE CHAIN ANTIBODIES
; FILE REFERENCE: 676-A-PCT
; CURRENT APPLICATION NUMBER: US/10/273,762
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/330,396
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 10/097,558
; PRIOR FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: PCT/US01/32565
; PRIOR FILING DATE: 2001-10-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-273-762-13

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 527 CCATTGGCAACGACGGGTGCAGT 550
DB 25 CCATTGGCAATGACGGGTCCGCT 2

RESULT 736
US-10-717-597-3552/c
; Sequence 3552, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
US-10-098-263B-130464

APPLICANT: Trepicchio, William L.
APPLICANT: Stonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3552
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-717-597-3552

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4530 GTGGTTCTAGCTTGTGTCGTG 4553
DB 25 GTAGCTCTATCTTGTTCGTG 2

RESULT 737
US-10-717-597-4270/c
; Sequence 4270, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM101080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4270
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4270

Query Match          0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4123 TTGAGCCATCAGATGAAGTGTGT 4146
DB 24 TTGAGCCTTCAGATGATTTGGGT 1

RESULT 738
US-10-775-169-2736/c
; Sequence 2736, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
US-10-717-597-3552/c
```

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; APPLICANT: Dornier, Andrew
; APPLICANT: Trepichio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM01080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2736
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-2736

Query Match      0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4123 TTGAGCCATCGATGAACTGTGT 4146
Db      24 TTGAGCCCTTCAGAAATGATTGGCT 1
      |||||
RESULT 739
US-10-775-169-4680/c
; Sequence 4680, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepichio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM01080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4680

Query Match      0.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4530 GTGGTTCTAGCTTGCTCTCTGTG 4553
Db      25 GTAGCTATCTTGTGTTCTGTG 2
      |||||
RESULT 740
US-09-975-456B-4/c
; Sequence 4, Application US/09975456B
; Publication No. US20030073087A1
; GENERAL INFORMATION:
; APPLICANT: LAZDUNSKI, MICHEL
; APPLICANT: LAMBEAU, GERARD
; APPLICANT: VALENTIN, EMMANUEL
; TITLE OF INVENTION: NOVEL MAMMALIAN SECRETED GROUP IIF PHOSPHOLIPASE A2
; FILE REFERENCE: 1478-R-00
; CURRENT APPLICATION NUMBER: US/09/975,456B
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 60/239,491
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 2.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-975-456B-4

Query Match      0.2%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 6.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3209 TTGAGAAAGTGGTGGAGGAGGG 3232
Db      25 TTGAGAGAGAGAGCGGAGGAGGG 2
      |||||
RESULT 741
US-10-309-775A-74/c
; Sequence 74, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-74

Query Match      0.2%; Score 17.6; DB 1; Length 28;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4018 AGAAAAAGAGCAAAACAAATG 4041
Db      28 AAAAAAAAAAAAAAAAACAAAATG 5
      |||||
RESULT 742
US-09-263-959-793/c
; Sequence 793, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
```

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;
;   REGISTRATION NUMBER: 33,963
;   REFERENCE/DOCKET NUMBER: 920010.426C2
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (206) 622-4900
;   TELEFAX: (206) 682-6031
;   INFORMATION FOR SEQ ID NO: 793:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 19 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
US-09-263-959-793

Query Match          0.2%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCA 7432
Db      19 AGCAGCAGAAAGCAGCAGCA 1

RESULT 743
; Sequence 7, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
;
US-09-563-728A-7

Query Match          0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGAG 7433
Db      20 GCAGCAGCAGCAGCAGAG 2

RESULT 744
US-09-563-728A-16/c
; Sequence 16, Application US/09563728A
; Publication No. US20030078216A1
; GENERAL INFORMATION:
; APPLICANT: Macleod, Alan R
; APPLICANT: Li, Zoumei
; APPLICANT: Besterman, Jeffrey M
; TITLE OF INVENTION: Inhibition of Histone Deacetylase
; FILE REFERENCE: 106101.229
; CURRENT APPLICATION NUMBER: US/09/563,728A
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 60/132,287
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
```

```
;
;   LENGTH: 20
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   NAME/KEY: modified base
;   LOCATION: 1-4 and 17-20 are modified
;   OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
;   OTHER INFORMATION: substituted nucleotides; positions 5-16 are
;   OTHER INFORMATION: deoxyribonucleotides
;
US-09-563-728A-16

Query Match          0.2%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGAG 7433
Db      20 GCAGCAGCAGCAGCAGAG 2

RESULT 745
US-09-754-106-56
; Sequence 56, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Kaibaki, Pamela J.
; APPLICANT: Furuta, Hiroco
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

TOPLOGY: linear  
US-09-754-106-56  
Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 5017 GGGCTCTGGAGAGGCGAG 5035  
DB 1 GGGCACTGGAGAGGCGAG 19  
RESULT 746  
US-10-145-493B-52/c  
; Sequence 52, Application US/10145493B  
; Publication No. US20030096777A1  
; GENERAL INFORMATION:  
; APPLICANT: Besterman, Jeffrey  
; APPLICANT: MacLeod, Robert  
; APPLICANT: Siders, William  
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy  
; FILE REFERENCE: MET-015DV  
; CURRENT APPLICATION NUMBER: US/10/145,493B  
; CURRENT FILING DATE: 2002-05-14  
; PRIOR APPLICATION NUMBER: 09/420,692  
; PRIOR FILING DATE: 1999-10-19  
; PRIOR APPLICATION NUMBER: US 60/104,804  
; PRIOR FILING DATE: 1998-10-19  
; NUMBER OF SEQ ID NOS: 90  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-145-493B-52  
Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 7415 GCAGCAGCAGCAGCGAG 7433  
DB 20 GCAGCAGCAGCAGCGAG 2  
RESULT 747  
US-10-315-962-67  
; Sequence 67, Application US/10315962  
; Publication No. US20040109848A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Susan M. Freiler  
; APPLICANT: Kenneth W. Doble  
; TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION  
; FILE REFERENCE: PUS-0046  
; CURRENT APPLICATION NUMBER: US/10/315,962  
; CURRENT FILING DATE: 2000-12-09  
; NUMBER OF SEQ ID NOS: 126  
; SEQ ID NO 67  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-315-962-67  
Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7415 GCAGCAGCAGCAGCGAG 7433  
DB 1 GCAGCAGCAGCAGCGAG 19  
RESULT 748  
US-10-671-395-616  
; Sequence 616, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 616  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-616  
Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 4468 TTTTGTGTC 4486  
DB 1 TTTTGTGTC 19  
RESULT 749  
US-10-728-399-141  
; Sequence 141, Application US/10728399  
; Publication No. US20040132078A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Colica, Jerry  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITOCHONDRIAL EXPRESSION  
; FILE REFERENCE: 01455 1  
; CURRENT APPLICATION NUMBER: US/10/728,399  
; CURRENT FILING DATE: 2003-12-05  
; NUMBER OF SEQ ID NOS: 627  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 141  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human mitochondrion antisense  
US-10-728-399-141  
Query Match 0.2%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 5.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 4464 TTTTGTGTC 4482  
DB 1 TTTTGTGTC 19  
RESULT 750  
US-10-098-263B-120259/c  
; Sequence 120259, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:

```

; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 120259
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-120259

Query Match          0.2%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4842 TATCCGAGTTCTGCTG 4860
DB      22 TCTCCAGGTTCTGTCTG 4

RESULT 751
US-10-717-597-2726/C
; Sequence 2726, Application US/10717597
; Publication No. US2004011022A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stever, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AM1010801.
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2726
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-2726

Query Match          0.2%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7125 TCCTGTGACACACTCCAG 7143
DB      19 TCCTGAGCAGACACTCCAG 1

RESULT 752
US-10-775-169-4640
; Sequence 4640, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
```

```

; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4640
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4640

Query Match          0.2%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6005 GAGCGTTCTGCAATTTC 6023
DB      6 GAGCGTTCTGCAATTTC 24

RESULT 753
US-09-978-522-34
; Sequence 34, Application US/09978522
; Publication No. US20030033627A1
; GENERAL INFORMATION:
; APPLICANT: Descenzo, Richard
; APPLICANT: Ireland, Nancy
; TITLE OF INVENTION: Lipoxigenase Genes From Vitis Vinifera
; FILE REFERENCE: 29520/37890
; CURRENT APPLICATION NUMBER: US/09/978,522
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 60/241,220
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 34
; LENGTH: 22
; TYPE: DNA
; ORGANISM: primer LOX 27U
US-09-978-522-34

Query Match          0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 6.4e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7019 TTACAGAGGAAATGGAAC 7040
DB      1 TTACAGGGAATTTGGAAC 22

RESULT 754
US-09-978-522-39/C
; Sequence 39, Application US/09978522
; Publication No. US20030033627A1
; GENERAL INFORMATION:
; APPLICANT: Descenzo, Richard
; APPLICANT: Ireland, Nancy
; TITLE OF INVENTION: Lipoxigenase Genes From Vitis Vinifera
; FILE REFERENCE: 29520/37890
; CURRENT APPLICATION NUMBER: US/09/978,522
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 60/241,220
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: primer LOX 48L
US-09-978-522-39

Query Match          0.2%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 6.4e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Oy 7019 TTACAGAGGAAATAGGAACC 7040  
Db 22 TTACAGGGGAAAATTGGAAAAC 1

RESULT 755  
US-10-629-951-7/c  
; Sequence 7, Application US/10629951  
; Publication No. US20040018550A1  
; GENERAL INFORMATION:  
; APPLICANT: Bellacosa, Alfonso  
; TITLE OF INVENTION: Methods for Detection of Transition  
; FILE REFERENCE: PCCC 96-21  
; CURRENT APPLICATION NUMBER: US/10/629,951  
; PRIORITY FILING DATE: 2003-07-29  
; PRIOR APPLICATION NUMBER: US/09/629,222A  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: 09/463,891  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: PCT/US98/15828  
; PRIOR FILING DATE: 1998-07-28  
; PRIOR APPLICATION NUMBER: 60/053,936  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-629-951-7

Query Match 0.2%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 6.4e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1099 CTGAGAGTGGACAGACTGTGG 1120  
Db 22 CCGGAGAGTGGACAGCTGTGG 1

RESULT 756  
US-10-128-456-20/c  
; Sequence 20, Application US/10128456  
; Publication No. US20030204874A1  
; GENERAL INFORMATION:  
; APPLICANT: Korea Kumho Petrochemical Co., Ltd.  
; TITLE OF INVENTION: Transgenic Plants with Enhanced Stress Tolerance  
; FILE REFERENCE: 1942/51  
; CURRENT APPLICATION NUMBER: US/10/128,456  
; PRIORITY FILING DATE: 2002-04-24  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Arabidopsis thaliana  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-128-456-20

Query Match 0.2%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 6.8e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3940 CTTGATGTCAAGTCTTATG 3961  
Db 23 CTTGATGTCAAGTCAATATG 2

RESULT 757  
US-10-177-308-24/c  
; Sequence 24, Application US/10177308  
; Publication No. US20030175262A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Baidur, Nand  
; APPLICANT: Bishop, Paul D.  
; TITLE OF INVENTION: MAMMALIAN ADHESION PROTEASE PEPTIDES  
; FILE REFERENCE: 99-39  
; CURRENT APPLICATION NUMBER: US/10/177,308  
; PRIORITY FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: US/09/632,098  
; PRIOR FILING DATE: 2000-08-02  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 24  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide ZC21.076  
US-10-177-308-24

Query Match 0.2%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 6.8e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7413 CAGCAGCAGCAGCAGCAGC 7434  
Db 23 CAGTAGTAGCAGCAGCAGCAAC 2

RESULT 758  
US-10-309-775A-21/c  
; Sequence 21, Application US/10309775A  
; Publication No. US20040006032A1  
; GENERAL INFORMATION:  
; APPLICANT: LOPEZ, Ricardo A.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
; FILE REFERENCE: 2901/0M327  
; CURRENT APPLICATION NUMBER: US/10/309,775A  
; PRIORITY FILING DATE: 2002-12-04  
; PRIOR APPLICATION NUMBER: CA 2,388,049  
; PRIOR FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 74  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 21  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-309-775A-21

Query Match 0.2%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 7.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4020 AAAAAAGAGAAAAAATG 4041  
Db 24 AAAAAAATAAAAAAATAATG 3

RESULT 759  
US-10-025-145A-100/c  
; Sequence 100, Application US/10025145A  
; Publication No. US20030175861A1  
; GENERAL INFORMATION:  
; APPLICANT: Croteau, Rodney B.  
; APPLICANT: Bohmann, Joerg  
; APPLICANT: Steele, Christopher L.  
; APPLICANT: Phillips, Michael A.

```
; TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandis)
; FILE REFERENCE: WSUR118414
; CURRENT APPLICATION NUMBER: US/10/025,145A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/360,545
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US98/14528
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: US 60/052,249
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 100
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Mutagenesis Primer 3elBamHIF
US-10-025-145A-100
```

```
Query Match          0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      7258 GAATGTCCTCGATCCCA 7279
Db      24 GAATGTCATGATGCCCAA 3
```

```
RESULT 760
US-10-025-145A-101
; Sequence 101, Application US/10025145A
; Publication No. US20030175861A1
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Bohlmann, Joerg
; APPLICANT: Steele, Christopher L.
; APPLICANT: Phillips, Michael A.
; TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandis)
; FILE REFERENCE: WSUR118414
; CURRENT APPLICATION NUMBER: US/10/025,145A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/360,545
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US98/14528
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: US 60/052,249
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 101
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Mutagenesis Primer 3elBamHIR
US-10-025-145A-101
```

```
Query Match          0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      7258 GAATGTCCTCGATCCCA 7279
Db      1 GAATGTCATGATGCCCAA 22
```

```
RESULT 761
US-10-198-447A-21/C
; Sequence 21, Application US/10198447A
; Publication No. US20040018622A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
```

```
; APPLICANT: Puttaraju, Madalah
; APPLICANT: Dallinger, Guenter
; APPLICANT: Klaussegger, Alfred
; APPLICANT: Bauer, Johann
; TITLE OF INVENTION: SPLICEOSOME-MEDIATED RNA TRANS-SPICING
; TITLE OF INVENTION: FOR CORRECTION OF SKIN DISORDERS
; FILE REFERENCE: A35306 069906.0115
; CURRENT APPLICATION NUMBER: US/10/198,447A
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-198-447A-21
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```
Query Match          0.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 7.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      7415 GCAGCAGCAGCAGCAGCAGC 7436
Db      24 GAAGCAGCAGCAGCAGCAGCAGCTC 3
```

```
RESULT 762
US-09-866-108-13906
; Sequence 13906, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
```



PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 13906  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-13906

Query Match 0.2% Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5542 GGTGTGTCATGCAGATGAGAA 5563  
Db 4 GCGGTGTCATGCAGCTGAGAA 25

RESULT 763  
US-09-853-830-166/c  
Sequence 166, Application US/09853830  
Patent No. US20020107388A1  
GENERAL INFORMATION:

APPLICANT: Vandenberg, Arthur A.  
TITLE OF INVENTION: Methods of Identifying and Monitoring  
FILE REFERENCE: P-IM 4734  
CURRENT APPLICATION NUMBER: US/09/853,830  
CURRENT FILING DATE: 2001-09-18  
NUMBER OF SEQ ID NOS: 184  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 166  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-853-830-166

Query Match 0.2% Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5155 GGGGAGTTCTCTGGACAGCTG 5176  
Db 22 GGGGAGTTCTCTCTGTGTCAGTG 1

RESULT 764  
US-09-899-642-11  
Sequence 11, Application US/09899642  
Publication No. US20030041346A1  
GENERAL INFORMATION:  
APPLICANT: Halkier, Barbara

Bak, Soren  
Kahn, Rachel  
Moller, Birger  
TITLE OF INVENTION: Cytochrome P450 Monooxygenases  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Syngenta Patent Dept.  
STREET: 3054 Cornwallis Road  
CITY: RTP  
STATE: NC  
COUNTRY: USA  
ZIP: 27709

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/09/899,642  
FILING DATE: 05-Jul-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/380,420  
FILING DATE: 12-NOV-1999  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-21251A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-899-642-11

Query Match 0.2% Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4460 GGACTTTTTTTTTTTTTTTT 4481  
Db 3 GGAATCTTTTTTTTTTTTTT 24

RESULT 765  
US-09-940-185-4598/c  
Sequence 4598, Application US/09940185  
Publication No. US20030096239A1  
GENERAL INFORMATION:  
APPLICANT: Chee, Mark  
TITLE OF INVENTION: Probes and Decoder Oligonucleotides  
FILE REFERENCE: A-69605-1  
CURRENT APPLICATION NUMBER: US/09/940,185  
CURRENT FILING DATE: 2001-08-27  
PRIOR FILING DATE: 2000-08-25  
PRIOR APPLICATION NUMBER: US 60/227,948  
PRIOR FILING DATE: 2000-08-29  
NUMBER OF SEQ ID NOS: 4768  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4598  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Computer Generated Probe Sequence.  
US-09-940-185-4598

Query Match 0.2% Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 433 GAATACATGTCACGATTTCA 454  
Db 22 GAATACATGCGCCAGATTGCA 1

RESULT 766  
US-10-098-263B-7610  
Sequence 7610, Application US/10098263B  
Publication No. US20030104410A1  
GENERAL INFORMATION:  
APPLICANT: Miltman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759

```
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 7610
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-7610

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2390 GTAACATCCAGCTGGAGCCAC 2411
Db      3  GTAACTCAAACTCGACACAC 24

RESULT 767
US-10-098-263B-19557
; Sequence 19557, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 19557
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-19557

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6821 TTCTGTGTTTCGCTTCTCC 6842
Db      1  TTTCTGGGTTTCGCTCTCTCC 22

RESULT 768
US-10-098-263B-25223/C
; Sequence 25223, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 25223
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-25223

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3249 CCTTAATCAGAAAGACTAGA 3270
      ||| ||||| ||||| |||
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```
Db      23  CCTAATCAGAGAGACTAAA 2

RESULT 769
US-10-098-263B-40510
; Sequence 40510, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 40510
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-40510

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2146 CGTAGCTCTCATCCATTCT 2167
Db      1  CGAGAGCTCTCATCAAGTCT 22

RESULT 770
US-10-098-263B-50839
; Sequence 50839, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50839
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50839

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      398 ATAAAGTCCCGTAGTCAA 419
Db      1  ATAAATTCCTCGTAGTCAA 22

RESULT 771
US-10-098-263B-51339
; Sequence 51339, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
```

```

; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51339
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51339

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2808 ACTGATGAGAAAGAACTTCC 2829
DB 1 ACTGAGAGAAAGAACTCTCC 22

RESULT 772
US-10-098-263B-55787/c
; Sequence 55787, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55787
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-55787

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1410 GAAGATGACATGACGAGGTG 1431
DB 23 GAAGGACCATGACGAGAGAG 2

RESULT 773
US-10-098-263B-106278/c
; Sequence 106278, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 106278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-106278

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5070 CTAAAGACAGTGTCTACAC 5091
DB 23 CTAAAGACAGTGTCTACAC 2
```

```

RESULT 774
US-10-098-263B-113992/c
; Sequence 113992, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 113992
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-113992

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1275 GACCGACACCAAGCTCGACC 1296
DB 23 GACGACAGTCAGACTCGACC 2

RESULT 775
US-10-098-263B-124457
; Sequence 124457, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 124457
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-124457

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3016 TCTGTGACATCTGCGCTGAC 3037
DB 3 TCTGTGACATCCGCTCTGAC 24

RESULT 776
US-10-060-998-2198
; Sequence 2198, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
```

```
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2198
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-2198

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      4 TTTCACGACTGTTTATTTT 25

RESULT 777
US-10-060-998-2199
/ Sequence 2199, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2199
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-2199

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      3 TTTCACGACTGTTTATTTT 24

RESULT 778
US-10-060-998-2200
/ Sequence 2200, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2200
/ LENGTH: 25
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```
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-2200

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      2 TTTCACGACTGTTTATTTT 23

RESULT 779
US-10-060-998-2201
/ Sequence 2201, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2201
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-2201

Query Match          0.2%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4583 TTTCCTTGACTGTTTCATTTT 4604
Db      1 TTTCACGACTGTTTATTTT 22

RESULT 780
US-10-438-729-165/c
/ Sequence 165, Application US/10438729
/ Publication No. US20030190665A1
/ GENERAL INFORMATION:
/ APPLICANT: Vandebark, Arthur
/ TITLE OF INVENTION: METHODS OF SELECTING T CELL RECEPTOR V PEPTIDES FOR THERAPEUTIC
/ FILE REFERENCE: 6915-65828
/ CURRENT APPLICATION NUMBER: US/10/438,729
/ PRIOR FILING DATE: 2003-05-14
/ PRIOR APPLICATION NUMBER: 60/203,984
/ PRIOR FILING DATE: 2000-05-12
/ PRIOR APPLICATION NUMBER: 09/853,830
/ PRIOR FILING DATE: 2001-05-10
/ PRIOR APPLICATION NUMBER: 60/380,731
/ PRIOR FILING DATE: 2002-05-14
/ NUMBER OF SEQ ID NOS: 181
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 165
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic
US-10-438-729-165

Query Match          0.2%; Score 17.2; DB 1; Length 25;
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Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5155 GGGAGTTCTCTCGGAGCAGTG 5176  
Db 22 GGGAGTTCTCTCGGAGCAGTG 1

## RESULT 781

US-10-435-696-231  
; Sequence 231, Application US/10435696  
; Publication No. US20040018525A1  
; GENERAL INFORMATION:  
; APPLICANT: Wirtz, Ralph  
; APPLICANT: Munnes, Marc  
; APPLICANT: Kallabis, Harald  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS  
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA  
; FILE REFERENCE: Lea 36 108  
; CURRENT APPLICATION NUMBER: US/10/435,696  
; CURRENT FILING DATE: 2003-05-09  
; PRIOR APPLICATION NUMBER: EP03003112.4  
; PRIOR FILING DATE: 2003-02-13  
; PRIOR APPLICATION NUMBER: EP02010291.9  
; PRIOR FILING DATE: 2002-05-21  
; NUMBER OF SEQ ID NOS: 314  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 231  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: D17S946 forward primer  
US-10-435-696-231

Query March 0.2%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 ACAGTATTCAAGCAGAAATAT 1155  
Db 1 ACAGTATTCAAGCAGAAATAT 22

## RESULT 782

US-10-717-597-4525/c  
; Sequence 4525, Application US/10717597  
; Publication No. US20040110221A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Butczynski, Michael E.  
; APPLICANT: Twine, Natalie C.  
; APPLICANT: Dornier, Andrew J.  
; APPLICANT: Trepichio, William L.  
; APPLICANT: Stonim, Donna K.  
; APPLICANT: Stover, Jennifer A.  
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS  
; FILE REFERENCE: AM101080L  
; CURRENT APPLICATION NUMBER: US/10/717,597  
; CURRENT FILING DATE: 2003-11-21  
; PRIOR APPLICATION NUMBER: US 60/459,782  
; PRIOR FILING DATE: 2003-04-03  
; PRIOR APPLICATION NUMBER: US 60/427,982  
; PRIOR FILING DATE: 2002-11-21  
; NUMBER OF SEQ ID NOS: 4904  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 4525  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-717-597-4525

Query Match 0.2%; Score 17.2; DB 1; Length 25;

Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5341 ACTCTCCAGTGGTTTTCAG 5362  
Db 25 AATCTCCAGTGGTTTTCAG 4

## RESULT 783

US-10-723-361-13906  
; Sequence 13906, Application US/10723361  
; Publication No. US20040137589A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: Ji, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A  
; FILE REFERENCE: PB0105  
; CURRENT APPLICATION NUMBER: US/10/723,361  
; CURRENT FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: US 09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263,6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 13906  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-723-361-13906

Query Match 0.2%; Score 17.2; DB 1; Length 25;  
Best Local Similarity 86.4%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5542 GGTGTCATGCAGATGAGAA 5563  
Db 4 GGTGTCATGCAGATGAGAA 25

## RESULT 784

US-09-891-517-11/c  
; Sequence 11, Application US/09891517  
; Patent No. US2002010653A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: TORIMURA, MASAKI  
; APPLICANT: KURATA, SHINYA  
; APPLICANT: YAMADA, KAZUTAKA

```

; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-11

Query Match          0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAAAGTATTTT 4047
Db      30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 785
US-09-891-517-13/c
; Sequence 13, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KAMAGATA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-13

Query Match          0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAAAGTATTTT 4047
Db      30 AAAAAAAAAAGAAAAAAATATATAT 1
```

```

RESULT 786
US-10-683-386-11/c
; Sequence 11, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KAMAGATA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL.
; OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-11

Query Match          0.2%; Score 17.2; DB 1; Length 30;
Best Local Similarity 73.3%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAAAGTATTTT 4047
Db      30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 787
US-10-683-386-13/c
; Sequence 13, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KAMAGATA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
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US-10-683-386-13

Query Match 0.2%; Score 17.2; DB 1; Length 30;  
Best Local Similarity 73.3%; Pred. No. 9.5e+02;  
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAAAAATGTTATTT 4047  
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 788

US-10-209-608-11/c  
Sequence 11, Application US/10209608  
Publication No. US20030082592A1  
GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA

TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT

FILE REFERENCE: 19953USOXDIY  
CURRENT APPLICATION NUMBER: US/10/209, 608  
CURRENT FILING DATE: 2002-08-01  
PRIOR APPLICATION NUMBER: US/09/725, 265  
PRIOR FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556, 127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 11

LENGTH: 30  
TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURES:  
OTHER INFORMATION: SYNTHETIC DNA

US-10-209-608-11

Query Match 0.2%; Score 17.2; DB 1; Length 30;  
Best Local Similarity 73.3%; Pred. No. 9.5e+02;  
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAAAAATGTTATTT 4047  
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 789

US-10-209-608-13/c  
Sequence 13, Application US/10209608  
Publication No. US20030082592A1  
GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA

TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
FILE REFERENCE: 19953USOXDIY  
CURRENT APPLICATION NUMBER: US/10/209, 608  
CURRENT FILING DATE: 2002-08-01  
PRIOR APPLICATION NUMBER: US/09/725, 265

PRIOR FILING DATE: 2000-11-29

PRIOR APPLICATION NUMBER: US 09/556, 127

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: JP 1999-111601

PRIOR FILING DATE: 1999-04-20

NUMBER OF SEQ ID NOS: 70

SOFTWARE: PatentIn version 3.1

SEQ ID NO 13

LENGTH: 30

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURES:  
OTHER INFORMATION: SYNTHETIC DNA

US-10-209-608-13

Query Match 0.2%; Score 17.2; DB 1; Length 30;  
Best Local Similarity 73.3%; Pred. No. 9.5e+02;  
Matches 22; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4018 AGAAAAAGAGAGAAAAAATGTTATTT 4047  
Db 30 AAAAAAAAAAGAAAAAAATATATAT 1

RESULT 790

US-09-843-676-132

Sequence 132, Application US/09843676

Patent No. US20020164786A1

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.  
Lingner, Joachim

Nakamura, Toru

Chapman, Karen B.

Morin, Gregg B.

Harley, Calvin

Andrews, William H.

TITLE OF INVENTION: No. US20020164786A1 Telomerase

NUMBER OF SEQUENCES: 225

CORRESPONDENCE ADDRESS:  
ADDRESS: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, 8th floor

CITY: San Francisco

STATE: California

COUNTRY: United States of America

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/843, 676

FILING DATE: 26-Apr-2001

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/854, 050

FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/846, 017

FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844, 419

FILING DATE: 18-APR-1997

APPLICATION NUMBER: US 08/724, 643

FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph T.

REGISTRATION NUMBER: 36, 429

REFERENCE/DOCKET NUMBER: 015389-002930US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 132:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

```

;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-843-676-132

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Query Match	0.2%	Score 17	DB 1	Length 17
Best Local Similarity	100.0%	Pred. No. 4.7e+02		
Matches 17	Conservative 0	Mismatches 0	Indels 0	Gaps 0

Qy	4464	TTTTTTTTTTTTTTTTTTT	4480
Ddb	1	TTTTTTTTTTTTTTTTTTTT	17

RESULT 791  
US-09-766-253-132

; sequence 132, Application US/09/66253  
 ; Publication No. US20020187471A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cech, Thomas R.

- ! Lingner, Joachim
- ! Nakamura, Toru
- ! Chapman, Karen B.
- ! Morin, Gregg B.

Andrews, William H.  
Harley, Calvin  
TITLE OF INVENTION: No. US2002018747A1el Telomerase  
NUMBER OF SEQUENCES: 171

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Townsend and Townsend and Crew LLP  
;; STREET: Two Embarcadero Center, 8th Floor  
;; CITY: San Francisco  
;; STATE: California  
;; COUNTRY: United States

STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDICAL EVENT: Please attach

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; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CPMCOMP: ADDITIONAL DATA

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```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

```

APPLICATION NUMBER: 08/846,017  
 FILING DATE: 1997-04-25  
 APPLICATION NUMBER: US 08/724,643  
 FILING DATE: 01-OCT-1996

FILED DATE: 01-06-2001 15:56  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
PREPARED/DOCKET NUMBER: 015388-002920NUS

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO. 132.

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pair  
TYPE: nucleic acid  
STRANDEDNESS: single

US-09-766-253-132

Query Match	0.2%;	Score 17;	DB 1;	Length 17;
Best Local Similarity	100.0%;	Pred. No. 4.7e+02;		
Matches 17;	Conservative 0;	Indels 0;	Gaps 0;	

[illegible]

RESULT 792  
US-09-438-

; Sequence 132, Application US/09438486  
 ; Publication No. US20030009019A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cech, Thomas R.

APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B  
APPLICANT: Morin, Gregg B.

```

: APPLICANT: Harley, Calvin
: APPLICANT: Andrews, William H.
: TITLE OF INVENTION: No. US2003009019A1el Telomerase
: NUMBER OF SEQUENCES: 223

```

;;  
;;  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
;;  
;;  
CITY: San Francisco  
;

```

; STATE: California
; COUNTRY: United States of America
; ZIP: 94111-3834
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/438,486
; FILING DATE: 12-NOV-1999
; CLASSIFICATION: 536
;

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; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/851,843  
 ; FILING DATE: 06-MAY-1997  
 ; CLASSIFICATION: 536  
 ;

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; CLASSIFICATION: 536

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/844,419  
;; FILING DATE: 18-APR-1997  
;; CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/724,643  
 FILING DATE: 01-OCT-1996  
 CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002931US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
;

```

TOPOLGY:  
US-09-438-486-132  
Query Match

```

Query Match          0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. NO. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTTT 4480
        |||||
DB       1 TTTTTTTTTTTTTTTT 17

```

## RESULT 793

## RESULT 793

Page 276



US-10-208-357-23/C  
Sequence 23, Application US/10208357  
Publication No. US20020182687A1  
GENERAL INFORMATION:  
APPLICANT: Kutz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/10/208,357  
CURRENT FILING DATE: 2002-07-30  
PRIOR APPLICATION NUMBER: US/09/619,103  
PRIOR FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 23  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-10-208-357-23  
Query Match 0.2%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Cy 4464 TTTT TTTT TTTT TTTT TTTT 4480  
Db 17 TTTT TTTT TTTT TTTT TTTT 1  
RESULT 794  
US-10-053-758-132  
Sequence 132, Application US/10053758  
Publication No. US20030032075A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Langner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030032075A1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/053,758  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997

APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 132:  
US-10-053-758-132  
Query Match 0.2%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Cy 4464 TTTT TTTT TTTT TTTT TTTT 4480  
Db 1 TTTT TTTT TTTT TTTT TTTT 17  
RESULT 795  
US-10-054-295-132  
Sequence 132, Application US/10054295  
Publication No. US20030044953A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Langner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20030044953A1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/054,295  
FILING DATE: 18-Jan-2002  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/854,050  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

```

; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-295-132

Query Match      0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 796
US-10-117-267-5
; Sequence 5, Application US/10117267
; Publication No. US2003045698A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Ph.D., Martin A.
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS-5039
; CURRENT APPLICATION NUMBER: US/10/117,267
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: Internucleoside linkage
US-10-117-267-5

Query Match      0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 797
US-10-054-611-132
; Sequence 132, Application US/10054611
; Publication No. US20030059787A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. US20030059787A1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
```

```

; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,611
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-611-132

Query Match      0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 798
US-10-138-674-1073
; Sequence 1073, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEB800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1073

Query Match      0.2%; Score 17; DB 1; Length 17;
```

Best Local Similarity 11.8%; Pred. No. 4.7e+02;  
Matches 2; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

Qy	4462	ACTTTT	TTTTTT	TT	44
			::::	::::	::::
Db	1	ACUUTU	UUUUUU	UU	17

```

RESULT 799
US-10-138-674-1074
; Sequence 1074, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138, 674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1074

```

Query Match	0.2%	Score 17;	DB 1;	Length 17;
Best Local Similarity	5.9%;	Pred. No. 4.7e+02;		
Matches	1;	Conservative	16;	Mismatches 0;
			Indels	0;
			Gaps	0;

```
QY      4463 CTTTTTTTTTTTTTTT 4479
          |::::::::::::::::::
DB       1 CTTTTTTTTTTTTTTT 17
```

```

RESULT 800
US-10-324-409B-16/c
; Sequence 16, Application US/103244409B
; Publication No. US200400868680A1
; GENERAL INFORMATION:
; APPLICANT: Sampson, et al.
; TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
; TITLE OF INVENTION: Secondary Structure
; FILE REFERENCE: 2003309-0028
; CURRENT APPLICATION NUMBER: US/10/324,409B
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16:
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Anneal Primer
US-10-324-409B-16

```

Query Match	0.2%	Score 17;	DB 1;	Length 17;
Best Local Similarity	100.0%	Pred. No. 4.7e+02;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	4464		4480
Db	17		1

RESULT 801  
US-10-287-949A-1073  
; Sequence 1073, Application US/10287949A

Publication No. US20040102389A1

```

1  APPLICANT: Ribozyme Pharmaceuticals, Inc.
2  APPLICANT: Pavco, Pam
3  APPLICANT: McSwigen, Jim
4  APPLICANT: Stinchcomb, Dan
5  APPLICANT: Escobedo, Jaime
6  TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
7  TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
8  FILE REFERENCE: M8B00-876-N (400/049)
9  CURRENT APPLICATION NUMBER: US/10/287,949A
10 CURRENT FILING DATE: 2003-04-11
11 NUMBER OF SEQ ID NOS: 20822
12 SOFTWARE: PatentIn version 3.0
13 SEQ ID NO 1073
14 LENGTH: 17
15 TYPE: RNA
16 ORGANISM: Homo sapiens
17 US-10-287-949A-1073

```

Query Match	0.24;	Score 17;	DB 1;	Length 17;
Best Local Similarity	11.84;	Pred. No. 4.7e+02;		
Matches	2;	Conservative	0;	Indels 0;
				Gaps 0;

```
QY      4462 ACITTTTTTTTTTTTTT 4478  
         ||:::~::~:~::~:  
Db       1 ACUUUUUUUUUUUUUUU 17
```

```

RESULT 802
US-10-287-949A-1074
: Sequence 1074, Application US/10287949A
: Publication No. US20040102389A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggan, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F
: TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MMB00-876-N (400/049)
: CURRENT APPLICATION NUMBER: US/10/287,949A
: CURRENT FILING DATE: 2003-04-11
: NUMBER OF SEQ ID NOS: 20822
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 1074
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
: US-10-287-949A-1074

```

Query Match	0.2%	Score 17	DB 1	Length 17
Similarity	5.9%	Pred. No. 4.7e+02		
Best Local				
Matches 1	Conservative	16	Mismatches	0
			Indels	0
			Gaps	0

```
Qy      4463 CTTTTTTTTTTTTTTTTT 4479
          |:::~::~~::~~::~~:::
Db      1 CTTTCTTTCTTTCTTTCTTT 17
```

```

RESULT 803
US-10-735-592-8
: Sequence 8, Application US/10735592
: Publication No. US2004017571A1
: GENERAL INFORMATION:
: APPLICANT: Art, Kiteg
: APPLICANT: Joerg, Vollmer
: TITLE OF INVENTION: 5' CGC Nucleic Acids and Methods of Use
: FILE REFERENCE: C1037.70038US01
: CURRENT APPLICATION NUMBER: US/10/735,592
: CURRENT FILING DATE: 2003-12-11
: NUMBER OF SEQ ID NOS: 69

```

```
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-8

Query Match          0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 804
US-10-735-592-49
; Sequence 49, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 49
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-49

Query Match          0.2%; Score 17; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 4.7e+02;
Matches 0; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 UUUUUUUUUUUUUUUU 17

RESULT 805
US-09-994-311-5
; Sequence 5, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-5
```

```
Query Match          0.2%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4468 TTTT TTTT TTTT TTTT TTTT 4484
Db      1 TTTT TTTT TTTT TTTT TTTT 17

RESULT 806
US-10-289-762-3717/c
; Sequence 3717, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3717
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3717

Query Match          0.2%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5990 CTTGTGTGAAGTCAGCA 6006
Db      19 CTTGTGTGAAGTCAGCA 3

RESULT 807
US-09-813-289-21/c
; Sequence 21, Application US/09813289
; Patent No. US20020061571A1
; GENERAL INFORMATION:
; APPLICANT: Mahadevan, M.S.
; APPLICANT: Tiscornia, G.
; TITLE OF INVENTION: No. US20020061571A1 isoform of myotonic dystrophy associated protein
; FILE REFERENCE: 800.027US1
; CURRENT APPLICATION NUMBER: US/09/813,289
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,590
; PRIOR FILING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-813-289-21

Query Match          0.2%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCA 7429
Db      19 CAGCAGCAGCAGCAGCA 3

RESULT 808
US-10-655-579-50
; Sequence 50, Application US/10655579
; Publication No. US20040126789A1
```

```
;; GENERAL INFORMATION:
;; APPLICANT: Park, Kyunung
;; APPLICANT: Lee, Jun E.
;; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
;; FILE REFERENCE: 0942,5580002
;; CURRENT APPLICATION NUMBER: US/10/655,579
;; PRIOR FILING DATE: 2003-09-05
;; APPLICATION NUMBER: 60/408,609
;; PRIOR FILING DATE: 2002-09-05
;; PRIOR APPLICATION NUMBER: 60/427,867
;; PRIOR FILING DATE: 2002-11-19
;; NUMBER OF SEQ ID NOS: 164
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 50
;; LENGTH: 23
;; TYPE: DNA
;; ORGANISM: Unknown
;; FEATURE:
;; OTHER INFORMATION: Sub-153, forward primer
US-10-655-579-50

Query Match          0.2%; Score 17; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 7,3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1634 AGATTTCAGAGATGCG 1650
Db      4 AGATTTCAGAGATGCG 20

RESULT 809
US-09-866-108-5298
; Sequence 5298, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR APPLICATION NUMBER: US 60/234,687
```

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;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 5298
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-5298

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      2523 CCGTTTCACAGCAGATGAGCTCCAG 2547
Db      1 CCGCATCAGAGCTGCTCAGCTCCAG 25

RESULT 810
US-09-866-108-5299
; Sequence 5299, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 5299
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-5299
```



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; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSTIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ASCOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13467
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-13467

Query Match      0.2% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1749 GCTGAGCTCATTTATTCATCTG 1773
DB      25 GCATCAGCTCATTTGATTCATCTG 1

RESULT 814
US-10-149-553-30
; Sequence 30, Application US/10149553
; Publication No. US2004007259A1
; GENERAL INFORMATION:
; APPLICANT: National Institute of Agricultural Sciences
; APPLICANT: Bio-oriented Technology Research Advancement Insti
; TITLE OF INVENTION: bZIP TRANSCRIPTION FACTOR THAT CONTROLS EXPRESSION OF
; FILE REFERENCE: SHIMIZU-07053
; CURRENT APPLICATION NUMBER: US/10/149,553
; PRIOR FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: JP 2000-311295
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
; US-10-149-553-30

Query Match      0.2% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      58 AACGAGGCTGCGGCGGCGGCGG 82
DB      1 AACCATGCGCGCGGAGCGCGGCGG 25

RESULT 815
US-10-215-112-2805/c
; Sequence 2805, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; PRIOR FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2805
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-215-112-2805

Query Match      0.2% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1511 GGGACATGCGGGGGAACAGTTCTA 1535
DB      25 GGGAGTTGCTGTGTAACAGTTTCA 1

RESULT 816
US-10-215-112-2931/c
; Sequence 2931, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; PRIOR FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2931
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-215-112-2931

Query Match      0.2% Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1511 GGGACATGCGGGGGAACAGTTCTA 1535
DB      25 GGGAGTTGCTGTGTAACAGTTTCA 1
```

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RESULT 817
US-10-098-263B-6431/C
; Sequence 6431, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 6431
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-6431

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      3250 CTTATCAGAAAGACTAGATTG 3274
DB      25 CTTCTCAGAGAGACCACGACTTG 1

RESULT 818
US-10-098-263B-13525/C
; Sequence 13525, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 13525
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-13525

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4185 GTGGTTATCGCCCAAGATGGGCTC 4209
DB      25 GTGCTCGTCGTCACAGATCGGCTC 1

RESULT 819
US-10-098-263B-69192/C
; Sequence 69192, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
```

```
; SEQ ID NO 69192
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-69192

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7101 CATAAGGAAAAATGAATTACTTT 7125
DB      25 CATAAGGAAAGAACAAATTACTTT 1

RESULT 820
US-10-098-263B-74649/C
; Sequence 74649, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 74649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-74649

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4932 TAGTAACTCCCTTACTTTT 4956
DB      25 TAGTGACTCCCACTTACTTCTT 1

RESULT 821
US-10-098-263B-74650/C
; Sequence 74650, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 74650
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-74650

Query Match      0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4932 TAGTAACTCCCTTACTTTT 4956
DB      25 TAGTGACTCCCACTTACTTCTT 1
```



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RESULT 822
US-10-098-263B-98776
; Sequence 98776, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 98776
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-98776

Query Match
Best Local Similarity 80.0%; Score 17; DB 1; Length 25;
Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5028 GGAGGCACTCACTGGAGAGCCTTAC 5052
DB 1 GGACTCCGCTTCTCGAGAGCCTTAC 25

RESULT 823
US-10-098-263B-99536/c
; Sequence 99536, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99536
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-99536

Query Match
Best Local Similarity 80.0%; Score 17; DB 1; Length 25;
Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5688 TGTACCACTGTTTGCCTTCTTTT 5712
DB 25 TGCACCTCTGTGTCTGCTGCTTTT 1

RESULT 824
US-10-098-263B-115523
; Sequence 115523, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 115523
```

```
LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-115523

Query Match
Best Local Similarity 80.0%; Score 17; DB 1; Length 25;
Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6605 ACGTTCTTCCCATCAGGTGAGA 6629
DB 1 ACTTATTTCTCTCCTCAGGTGAGA 25

RESULT 825
US-10-098-263B-126854/c
; Sequence 126854, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 126854
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-126854

Query Match
Best Local Similarity 80.0%; Score 17; DB 1; Length 25;
Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2265 CATTGATGATCCTGATCAATCTG 2289
DB 25 CATTGATGATCCTGATCAATCTG 1

RESULT 826
US-10-098-263B-131013
; Sequence 131013, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 131013
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-131013

Query Match
Best Local Similarity 80.0%; Score 17; DB 1; Length 25;
Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 7056 AAGTAAAGACGCTCTTGAATGAC 7080
DB 1 AAGTAAAGACGCTCTTGAATGAC 25

RESULT 827
```

```
US-10-098-263B-131014
; Sequence 131014, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 131014
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-131014

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      7056 AAGTAAAGACATTGTGTAATGCAC 7080
DB      1 AAGTAAAGACGTGTCTTGAAACAC 25

RESULT 828
US-10-061-201-2277
; Sequence 2277, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-2277

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      828 CCTGCATGTGAAGATGATGCTC 852
DB      1 CCTACCATGTGACGCTGCTCTC 25
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RESULT 829
US-10-621-758A-50/c
; Sequence 50, Application US/10621758A
; Publication No. US20040093629A1
; GENERAL INFORMATION:
; APPLICANT: Altmann, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Murgolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K-US
; CURRENT APPLICATION NUMBER: US/10/621,758A
; CURRENT FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-621-758A-50

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1869 GACCTCAGCTGACCTGTGTCAC 1893
DB      25 GAACTCAGCAGACCTGTGGAAC 1
```

```
RESULT 830
US-10-717-597-4285
; Sequence 4285, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dorrer, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AML01080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-4285

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      3071 ACCATACAGACAGGTCTCATGTG 3095
DB      1 ACATTACAGCAGAGTCTCATATG 25
```

RESULT 831  
US-10-663-208A-50/c  
; Sequence 50, Application US/10663208A  
; Publication No. US20040132058A1  
; GENERAL INFORMATION:  
; APPLICANT: Altmann, Scott W  
; APPLICANT: Wang, Luquan  
; APPLICANT: Graziano, Michael  
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF  
; FILE REFERENCE: J801603K2 US  
; CURRENT APPLICATION NUMBER: US/10/663,208A  
; PRIOR FILING DATE: 2003-09-16  
; PRIOR APPLICATION NUMBER: 60/397,442  
; PRIOR FILING DATE: 2002-07-19  
; PRIOR APPLICATION NUMBER: 10/621,758  
; PRIOR FILING DATE: 2003-07-17  
; PRIOR APPLICATION NUMBER: 10/646,301  
; PRIOR FILING DATE: 2003-08-22  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 50  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-663-208A-50

Query Match 0.2%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 8.1e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1869 GACCTCAGCTGAGCTGTGCTGAC 1893  
DB 25 GAACTCACCAGACGACCTGTGAC 1  
RESULT 832  
US-10-646-301A-50/c  
; Sequence 50, Application US/10646301A  
; Publication No. US20040137467A1  
; GENERAL INFORMATION:  
; APPLICANT: Altmann, Scott W  
; APPLICANT: Wang, Luquan  
; APPLICANT: Graziano, Michael  
; APPLICANT: Murgolo, Nick  
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF  
; FILE REFERENCE: J801603-K1-US  
; CURRENT APPLICATION NUMBER: US/10/646,301A  
; PRIOR FILING DATE: 2003-08-22  
; PRIOR APPLICATION NUMBER: 60/397,442  
; PRIOR FILING DATE: 2002-07-19  
; PRIOR APPLICATION NUMBER: 10/621,758  
; PRIOR FILING DATE: 2003-07-17  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 50  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-646-301A-50

Query Match 0.2%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 8.1e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1869 GACCTCAGCTGAGCTGTGCTGAC 1893  
DB 25 GAACTCACCAGACGACCTGTGAC 1

RESULT 833  
US-10-723-361-5298  
; Sequence 5298, Application US/10723361  
; Publication No. US20040137589A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A  
; FILE REFERENCE: PB0105  
; CURRENT APPLICATION NUMBER: US/10/723,361  
; PRIOR FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: US 09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263,6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Neomica Sequence Listing Engine  
; SEQ ID NO 5298  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-723-361-5298

Query Match 0.2%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 8.1e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2523 CCGTTTCACGACGATGAGCTCCAG 2547  
DB 1 CCGATCAGACGCTGCTCAGCTCCAG 25

RESULT 834  
US-10-723-361-5299  
; Sequence 5299, Application US/10723361  
; Publication No. US20040137589A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A  
; FILE REFERENCE: PB0105  
; CURRENT APPLICATION NUMBER: US/10/723,361  
; PRIOR FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: US 09/866,108  
; PRIOR FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 5299
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-5299
```

```
Query Match 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 2524 CGTTTCAGCAGCATGAGCTCCACA 2548
Db 1 CGCATCAGCAGCTGCTCAGCTCCACA 25
```

```
RESULT 835
US-10-723-361-12696
; Sequence 12696, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 12696
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12696
```

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Query Match 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 7413 CAGCAGCAGCAGCAGCAGCA 7437
Db 1 CAGCTTCAGCAGCAGCTGAAGCAAA 25
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```
RESULT 836
US-10-723-361-12697
; Sequence 12697, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 12697
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12697
```

```
Query Match 0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
OY 7414 AGCAGCAGCAGCAGCAGCAAA 7438
Db 1 AGCTTCAGCAGCAGCTGAAGCAAA 25
```

```
RESULT 837
US-10-723-361-13467/c
```

```
Sequence 13467, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13467
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13467

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1749 GCTGACGCTATTATTCATCTG 1773
DB 25 GCATCAGCTCATTCAGTCATCTG 1

RESULT 838
US-10-736-769-50/C
; Sequence 50, Application US/10736769
; Publication No. US20040161838A1
; GENERAL INFORMATION:
; APPLICANT: Altmann, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: MURGOLO, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K3-US
; CURRENT APPLICATION NUMBER: US/10/736,769
; CURRENT FILING DATE: 2003-12-16
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 10/621,758
; PRIOR FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 10/646,301
; PRIOR FILING DATE: 2003-08-22
; PRIOR APPLICATION NUMBER: 10/663,208
; PRIOR FILING DATE: 2003-09-16
```

```
NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURES:
; OTHER INFORMATION: primer
US-10-736-769-50

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1869 GACCTCACCTCAGACTCTGTCAC 1893
DB 25 GAACCTCACACAGACCTGTGGAAC 1

RESULT 839
US-10-775-169-3060
; Sequence 3060, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Butczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-3060

Query Match          0.2%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5778 GCTGCTGCTGCTGCTGCTGCTG 5802
DB 1 GCTGCTGCTGCTGCTGCTGCTGCTG 25

RESULT 840
US-10-775-169-4185
; Sequence 4185, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Butczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4185
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-4185

Query Match          0.2%; Score 17; DB 1; Length 25;
```

Best Local Similarity	80.0%;	Pred. No. 8.1e+02;
Matches	20;	Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy	5463	CTTACTCTGATTTTGTAAAAAG	5487
Db	1	CTTACTTGATCTGTTGTCAATAG	25

RESULT 841

US-09-935-247-10  
; Sequence 10, Application US/09935247  
; Patent No. US20020103153A1

APPLICANT: Re, Richard N.

1 TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY  
2 OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR  
3 p53 PROTEIN  
4

; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER  
STREET: 400 Garden City Plaza

COMPUTER READABLE FORM:

```

;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

```

;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

```

```

;
; INFORMATION FOR SEQ ID NO: 10:
;
;   SEQUENCE CHARACTERISTICS:
;
;       LENGTH: 26 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;

```

US-09-935-247-10

Query Match	0.2%;	Score 17;	DB 1;	Length 26;
Best Local Similarity	80.0%;	Pred. No. 8.6e+02;		
Matches	20;	Conservative	0;	Mismatches 5;
			Indels	0;
			Gaps	0;

Qy	4463	CTTTTTTTTTTTTTTTTTTGCT	4487
Db	2	CTTTTTTCTTTTTTCTTTTCT	26

**RESULT 842**

US-09-563-728A-2

; Sequence 2, Application US/09563728A

GENERAL INFORMATION:

APPLICANT: Besterman, Jeffrey M

FILE REFERENCE: 106101.229

```

OTHER INFORMATION: Description of Artificial Sequence: synthetic
OTHER INFORMATION: oligonucleotide

```

Query Match	0.2%	Score 17	DB 1	length 26
Best Local Similarity	80.0%	Pred. No.	8.6e+02	
Matches	20	Conservative	0	Mismatches 5
			Indels	0
			Gaps	0

```

Oy      5574 CAGCAGCTTTGGCTCATGTGATT 5598
          |||||
Db      1 CAGCAATTATGGTCATGCGGATT 25

```

**RESULT 843**

US-09-563-728A-3  
; Sequence 3, Application US/09563728A

;; Publication No. US20030078216A1  
;; GENERAL INFORMATION:  
; APPLICANT: Macleod, Alan R

```

; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-09-563-728A-3

```

Query Match	0.2%	Score 17	DB 1	Length 26
Best Local Similarity	80.0%	Pred. No.	8.6e+02	
Matches 20	Conservative 0	Mismatches 5	Indels 0	Gaps 0

OY 5574 CAGCAAGCTTTGGCTCATGTGATT 5598  
| | | | |  
Db 1 CAGCAAGTATGAGTCATGCCGATT 25

RESULT 844  
US-09-563-728A-11

; Sequence 11, Application US/  
; Publication No. US2003007821

PRIOR APPLICATION NUMBER: 60/132,287

PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 11  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 1-4 and 23-26 are modified  
OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose  
OTHER INFORMATION: substituted nucleotides; positions 5-22 are  
OTHER INFORMATION: deoxyribonucleotides  
US-09-563-728A-11

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 72.0%; Pred. No. 8.6e+02;  
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 5574 CAGCAAGCTTGGCTCATGTGGATT 5598  
Db 1 CAGCAAGTATGAGTCATGCGGAU 25

RESULT 845  
US-09-563-728A-12  
Sequence 12, Application US/09563728A  
Publication No. US20030078216A1  
GENERAL INFORMATION:  
APPLICANT: Macleod, Alan R  
APPLICANT: Li, Zoumei  
APPLICANT: Besterman, Jeffrey M  
TITLE OF INVENTION: Inhibition of Histone Deacetylase  
FILE REFERENCE: 106101.229  
CURRENT APPLICATION NUMBER: US/09/563,728A  
CURRENT FILING DATE: 2000-05-03  
PRIOR APPLICATION NUMBER: 60/132,287  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 12  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 1-4 and 23-26 are modified  
OTHER INFORMATION: Positions 1-4 and 23-26 are 2'-methoxyribose  
OTHER INFORMATION: substituted nucleotides; positions 5-22 are  
OTHER INFORMATION: deoxyribonucleotides  
US-09-563-728A-12

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 72.0%; Pred. No. 8.6e+02;  
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 5574 CAGCAAGCTTGGCTCATGTGGATT 5598  
Db 1 CAGCAAGTATGAGTCATGCGGAU 25

RESULT 846  
US-10-085-906-3  
Sequence 3, Application US/10085906  
Publication No. US20030054371A1  
GENERAL INFORMATION:  
APPLICANT: Ying, Vincent  
APPLICANT: Wu, Paul  
APPLICANT: Gray, Gary S.  
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
FILE REFERENCE: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
FILE REFERENCE: GNN-5343CP2  
CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT FILING DATE: 2002-02-27  
PRIOR APPLICATION NUMBER: US 60/126,215  
PRIOR FILING DATE: 1999-03-25  
PRIOR APPLICATION NUMBER: US 09/534,061  
PRIOR FILING DATE: 2000-03-24  
PRIOR APPLICATION NUMBER: PCT/US00/07938  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 545  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-085-906-3

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 8.6e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTTTTCTTT 4488  
Db 1 TTTTCTTTTCTTTTCTTTTCTTT 25

RESULT 847  
US-10-085-906-144  
Sequence 144, Application US/10085906  
Publication No. US20030054371A1  
GENERAL INFORMATION:  
APPLICANT: Ying, Vincent  
APPLICANT: Wu, Paul  
APPLICANT: Gray, Gary S.  
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
FILE REFERENCE: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
FILE REFERENCE: GNN-5343CP2  
CURRENT APPLICATION NUMBER: US/10/085,906  
CURRENT FILING DATE: 2002-02-27  
PRIOR APPLICATION NUMBER: US 60/126,215  
PRIOR FILING DATE: 1999-03-25  
PRIOR APPLICATION NUMBER: US 09/534,061  
PRIOR FILING DATE: 2000-03-24  
PRIOR APPLICATION NUMBER: PCT/US00/07938  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 545  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 144  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-085-906-144

Query Match 0.2%; Score 17; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 8.6e+02;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTTTTCTTT 4488  
Db 2 TTTTCTTTTCTTTTCTTTTCTTT 26

RESULT 848  
US-10-145-493B-82  
Sequence 82, Application US/10145493B  
Publication No. US20030096777A1  
GENERAL INFORMATION:  
APPLICANT: Besterman, Jeffrey  
APPLICANT: Macleod, Robert  
APPLICANT: Siders, William  
TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy  
FILE REFERENCE: MET-015DV  
CURRENT APPLICATION NUMBER: US/10/145,493B  
CURRENT FILING DATE: 2002-05-14  
PRIOR APPLICATION NUMBER: 09/420,692

```

; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 82
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-82

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      5574 CAGCAAGCTTGGCTCATGTGAT 5598
Db      1 CAGCAATTATGGCTCATGCGANU 25

RESULT 849
US-10-145-493B-83
; Sequence 83, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Beesterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MFT-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 83
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-83

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 8.6e+02;
Matches 18; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      5574 CAGCAAGCTTGGCTCATGTGAT 5598
Db      1 CAGCAAGTATGAGTCATGCGANU 25

RESULT 850
US-10-353-461-12
; Sequence 12, Application US/10353461
; Publication No. US20030176682A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Internuiversitair Instituut voor Biotechnol
; TITLE OF INVENTION: Molecular characterisation of chromosome translocation
; TITLE OF INVENTION: t(11;18)(q21;q21) and its correlation to
; FILE REFERENCE: PMA/MALT/V043
; CURRENT APPLICATION NUMBER: US/10/353,461
; CURRENT FILING DATE: 2003-01-26
; PRIOR APPLICATION NUMBER: US/09/579,692
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/138,834
; PRIOR FILING DATE: 1999-06-09
```

```

; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: exon no 2 - 3' end of the intron-exon boundary of
; OTHER INFORMATION: the human MLT gene
US-10-353-461-12

Query Match          0.2%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      6465 TTTTCTTTCTGTTGTGTAATAGG 6489
Db      2 TTTTCTTTCTTTTGAATTAAG 26

RESULT 851
US-09-891-517-10/c
; Sequence 10, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: TORIMURA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 21035205-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-10

Query Match          0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGAAAAAATAATGT 4042
Db      29 AAAAAAAAAAGAAAAAAATAAT 5

RESULT 852
US-09-891-517-12/c
; Sequence 12, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: TORIMURA, SHINYA
```



```
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-12
```

```
Query Match 0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy 4018 AGAAAAAGAGAGAAACAAATGT 4042
Db 29 AAAAAAAAAAGAAAAAAATAT 5
```

```
RESULT 853
US-10-683-386-10/c
Sequence 10, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOSAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10
```

```
Query Match 0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy 4018 AGAAAAAGAGAGAAACAAATGT 4042
Db 29 AAAAAAAAAAGAAAAAAATAT 5
```

```
RESULT 854
US-10-683-386-12/c
Sequence 12, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOSAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-12
```

```
Query Match 0.2%; Score 17; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Qy 4018 AGAAAAAGAGAGAAACAAATGT 4042
Db 29 AAAAAAAAAAGAAAAAAATAT 5
```

```
RESULT 855
US-10-209-608-10/c
Sequence 10, Application US/10209608
Publication No. US20030082592A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOSAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING D
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953US0XDIY
CURRENT APPLICATION NUMBER: US/10/209,608
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: US/09/725,265
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
```

```
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-10

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 30;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGT 4042
DB 29 AAAAAAAAAAGAGAAAAAAATAT 5

RESULT 856
US-10-209-608-12/C
; Sequence 12, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOKOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 19953US0X0D1V
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-12

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 30;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGT 4042
DB 29 AAAAAAAAAAGAGAAAAAAATAT 5

RESULT 857
US-10-219-195-34/C
; Sequence 34, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; APPLICANT: LUT, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 39
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-219-195-34

Query Match
Best Local Similarity 0.2%; Score 17; DB 1; Length 39;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4015 ATGAGAAAAAGAGAGAAACAAA 4039
DB 33 AAGAGAAAAAGAGAAAAAGAAAAA 9

RESULT 858
US-09-861-893-15/C
; Sequence 15, Application US/09861893
; Patent No. US20020045257A1
; GENERAL INFORMATION:
; APPLICANT: Feinberg, Andrew
; APPLICANT: Strichman-Almashanu, Liora
; APPLICANT: Jiang, Shan
; TITLE OF INVENTION: METHODS FOR ASSAYING GENE IMPRINTING AND
; TITLE OF INVENTION: METHYLATED CpG ISLANDS
; FILE REFERENCE: 01107.00128
; CURRENT APPLICATION NUMBER: US/09/861,893
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/206,158
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: 60/206,161
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PaetSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-861-893-15

Query Match
Best Local Similarity 0.2%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGCA 7432
DB 20 CAGTACGACGACACAGCAGCA 1

RESULT 859
US-09-263-959-849/C
; Sequence 849, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Bowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 849:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-849

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483  
DB 20 TTTCTTTTCTTTCTTTT 1

RESULT 860  
US-09-948-002-35  
Sequence 35, Application US/09948002  
Publication No. US20030050265A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH  
FACTOR BETA EXPRESSION  
FILE REFERENCE: ISPH-0607  
CURRENT APPLICATION NUMBER: US/09/948,002  
PRIOR FILING DATE: 2000-09-05  
PRIOR APPLICATION NUMBER: 09/661,753  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/154,546  
PRIOR FILING DATE: 1999-09-17  
NUMBER OF SEQ ID NOS: 71  
SEQ ID NO 35  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-948-002-35

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7434  
DB 1 GTAGCAGCAGCGGCGAGCAGC 20

RESULT 861  
US-09-967-669-61/c  
Sequence 61, Application US/09967669  
Publication No. US20030092650A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Susan M. Freiler  
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION  
FILE REFERENCE: RTS-0259  
CURRENT APPLICATION NUMBER: US/09/967,669  
CURRENT FILING DATE: 2001-09-28  
NUMBER OF SEQ ID NOS: 90

SEQ ID NO 61  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-967-669-61

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4680 CTATCTGATCTGTGTATGA 4699  
DB 20 CTATCTGGGCTGTGTATGA 1

RESULT 862  
US-10-633-163-35  
Sequence 35, Application US/10633163  
Publication No. US20040063655A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH  
FACTOR BETA EXPRESSION  
FILE REFERENCE: ISPH-0607  
CURRENT APPLICATION NUMBER: US/10/633,163  
PRIOR FILING DATE: 2003-08-01  
PRIOR APPLICATION NUMBER: US/09/948,002  
PRIOR FILING DATE: 2000-09-05  
PRIOR APPLICATION NUMBER: 09/661,753  
PRIOR FILING DATE: 2000-09-14  
PRIOR APPLICATION NUMBER: 60/154,546  
PRIOR FILING DATE: 1999-09-17  
NUMBER OF SEQ ID NOS: 71  
SEQ ID NO 35  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-163-35

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAGC 7434  
DB 1 GTAGCAGCAGCGGCGAGCAGC 20

RESULT 863  
US-10-032-585-4518/c  
Sequence 4518, Application US/10032585  
Publication No. US20030180953A1  
GENERAL INFORMATION:  
APPLICANT: Terry, Roemer D.  
APPLICANT: Bo, Jiang  
APPLICANT: Charles, Boone  
APPLICANT: Howard, Bussey  
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery  
FILE REFERENCE: 10182-005-999  
CURRENT APPLICATION NUMBER: US/10/032,585  
CURRENT FILING DATE: 2001-12-20  
NUMBER OF SEQ ID NOS: 8000  
SOFTWARE: Patent version 3.1  
SEQ ID NO 4518  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Candida albicans  
US-10-032-585-4518

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7410 CATCAGCAGCAGCAGCAGCA 7429  
DB 20 CATCAGCTTCAGCAGCAGCA 1

RESULT 864  
US-10-104-047-4082  
; Sequence 4082, Application US/10104047  
; Publication No. US20030236392A1  
; GENERAL INFORMATION:  
; APPLICANT: HELIX RESEARCH INSTITUTE  
; TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA  
; FILE REFERENCE: H1-A0105  
; CURRENT APPLICATION NUMBER: US/10/104,047  
; CURRENT FILING DATE: 2002-03-25  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE:  
; NUMBER OF SEQ ID NOS: 4096  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4082  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: an artificially  
US-10-104-047-4082

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3443 CCACCTTACTTCTCCTCCT 3462  
DB 1 CCACCTTATTCTCTCCTCCT 20

RESULT 865  
US-10-688-706-1916  
; Sequence 1916, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; CURRENT FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1916  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-1916

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6972 GAGCTAAACAAACAGAA 6991  
DB 1 GATTTAAACAAACAGAA 20

RESULT 866  
US-10-688-706-2451  
; Sequence 2451, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; CURRENT FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2451  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-2451

Query Match 0.2%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 6.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6971 TGAGCTAAACAAACAGAA 6990  
DB 1 TGATTTAAACAAACAGAA 20

RESULT 867  
US-09-912-609-122  
; Sequence 122, Application US/09912609  
; Publication No. US20020041898A1  
; GENERAL INFORMATION:  
; APPLICANT: UNGER, EVAN C.  
; APPLICANT: MATSUNAGA, TERRY ONICHI  
; APPLICANT: RAMASWAMI, VARADARAJAN  
; APPLICANT: ROMANOWSKI, MAREK J.  
; TITLE OF INVENTION: NOVEL TARGETED DELIVERY SYSTEMS FOR BIOACTIVE AGENTS  
; FILE REFERENCE: 5030-0001.24  
; CURRENT APPLICATION NUMBER: US/09/912,609  
; CURRENT FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: 09/703,474  
; PRIOR FILING DATE: 2000-10-31  
; PRIOR APPLICATION NUMBER: 09/478,124  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 131  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 122  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-912-609-122

Query Match 0.2%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 6.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3627 GGGGGTGGGAGAGAGTAG 3646  
DB 1 GGGGGTGGGAGAGAGATAG 20

RESULT 868  
US-10-418-182-132  
; Sequence 132, Application US/10418182

```
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-132
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGCA 7432
Db      1 CAGCAGCAACAGCAGCAACA 20
```

```
RESULT 869
US-09-952-464A-30
; Sequence 30, Application US/09952464A
; Publication No. US20030077587A1
; GENERAL INFORMATION:
; APPLICANT: Stone, Edwin M.
; APPLICANT: Alward, Wallace L.M.
; TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
; FILE REFERENCE: 21087.0017U11
; CURRENT APPLICATION NUMBER: US/09/952,464A
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/473,273
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 09/461,542
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: 09/366,952
; PRIOR FILING DATE: 1999-08-04
; PRIOR APPLICATION NUMBER: 09/056,285
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: 08/822,999
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence; No. US20030077587A1e =
US-09-952-464A-30
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 7.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5597 TTGGTTTAAGTGTGCTTC 5616
Db      2 TATGATTTAAGTGTGCTTC 21
```

```
RESULT 870
US-09-898-200-17
```

```
; Sequence 17, Application US/09898200
; Publication No. US20030195162A1
; GENERAL INFORMATION:
; APPLICANT: Daniel H. Cohn
; APPLICANT: Muhammad Faiyaz ul Haque
; APPLICANT: Lily M. King
; APPLICANT: Deborah Krakow
; TITLE OF INVENTION: GENETIC MARKER FOR
; TITLE OF INVENTION: SPONDYLOEPHIMETAPHYSAL DYSPLASIA
; FILE REFERENCE: 18810-81553
; CURRENT APPLICATION NUMBER: US/09/898,200
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 09/399,212
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-200-17
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 7.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1012 GTCACCCACTGTGGACAGAT 1031
Db      1 GTCACCTCAGCTGTGACAAAT 20
```

```
RESULT 871
US-10-030-132-7
; Sequence 7, Application US/10030132
; Publication No. US20030124684A1
; GENERAL INFORMATION:
; APPLICANT: NISHIUCHI, HIROAKI
; APPLICANT: SANO, KOICHIRO
; APPLICANT: SUGIMOTO, KETIKO
; APPLICANT: UEDA, YOICHI
; TITLE OF INVENTION: METHOD FOR PRODUCING GAMMA-GLUTAMYL-CYSTEINE
; FILE REFERENCE: 218070USOPCT
; CURRENT APPLICATION NUMBER: US/10/030,132
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: JP 2000-155121
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: PCT/JP01/04366
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic DNA
US-10-030-132-7
```

```
Query Match          0.2%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 7.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6964 GAAGGATGAGCTAAACAA 6983
Db      2 GAAGGAATGAGCTAAACAA 21
```

```
RESULT 872
US-10-309-775A-10
; Sequence 10, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
US-10-309-775A-10
```

```
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-10

Query Match          0.2%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 8.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4469 TTTTGTGCTTGTCTT 4488
Db      4 TTTTGTGCTTGTCTT 23

RESULT 873
US-10-309-775A-22
; Sequence 22, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-22

Query Match          0.2%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 8.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTTTTT 4482
Db      5 CATTTCGTTTTTTTTTTTTT 24

RESULT 874
US-09-866-108-13913
; Sequence 13913, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yongsang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Mensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
```

```
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13913
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13913

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5546 GTGCATGCAGATGCAGAACT 5565
Db      1 GTGCATGCAGCTGCAGAACT 20

RESULT 875
US-09-839-894-23/c
; Sequence 23, Application US/09839894
; Patent No. US20020176868A1
; GENERAL INFORMATION:
; APPLICANT: Altboum, Zeev
; APPLICANT: Barry, Eileen M.
; APPLICANT: Levine, Myron M.
; APPLICANT: University of Maryland
; TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF THE
; TITLE OF INVENTION: CSA OPERON
; FILE REFERENCE: USFMD.006A
; CURRENT APPLICATION NUMBER: US/09/839,894
; CURRENT FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 60/198,626
; PRIOR FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-839-894-23

Query Match          0.2%; Score 16.8; DB 1; Length 25;
```

Best Local Similarity 90.0%; Pred. No. 8.7e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2970 CCAGAAATCTCTGATATCA 2989  
Db 25 CCAGATATCTCAGATATCA 6

RESULT 876  
US-10-176-055-8  
; Sequence 8, Application US/10176055  
; Publication No. US20030013109A1  
; GENERAL INFORMATION:  
; APPLICANT: Evident Technologies  
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents  
; FILE REFERENCE: 11739/26  
; CURRENT APPLICATION NUMBER: US/10/176,055  
; CURRENT FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: 60/299,460  
; PRIOR FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Complementary  
; FEATURE:  
; OTHER INFORMATION: probe  
; OTHER INFORMATION: Complementary probe that binds specifically to  
; OTHER INFORMATION: target sequence  
US-10-176-055-8

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 8.7e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4461 GACCTTTTTTTTTTTTTT 4480  
Db 3 GAGTTTTTTTTTTTTTCT 22

RESULT 877  
US-10-215-112-5023/C  
; Sequence 5023, Application US/10215112  
; Publication No. US20030082596A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael Miltman  
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:  
; FILE REFERENCE: Test3  
; CURRENT APPLICATION NUMBER: US/10/215,112  
; CURRENT FILING DATE: 2002-08-08  
; NUMBER OF SEQ ID NOS: 14936  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5023  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-215-112-5023

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 8.7e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 836 TGTGGAAGATGATGCTCAAC 855  
Db 25 TGTGGAAGATGTTGCTCGAC 6

RESULT 878  
US-10-215-112-5145/C  
; Sequence 5145, Application US/10215112  
; Publication No. US20030082596A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael Miltman  
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:  
; FILE REFERENCE: Test3  
; CURRENT APPLICATION NUMBER: US/10/215,112  
; CURRENT FILING DATE: 2002-08-08  
; NUMBER OF SEQ ID NOS: 14936  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5145  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-215-112-5145

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 8.7e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 836 TGTGGAAGATGATGCTCAAC 855  
Db 24 TATGGAAGATGATGCTTAC 5

RESULT 879  
US-10-098-263B-19403  
; Sequence 19403, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 19403  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-19403

Query Match 0.2%; Score 16.8; DB 1; Length 25;  
Best Local Similarity 90.0%; Pred. No. 8.7e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7203 GGTTCACCTTAGTTCTA 7222  
Db 4 GATTCAGACTTAGTTCTA 23

RESULT 880  
US-10-098-263B-24333  
; Sequence 24333, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

```
; SEQ ID NO 24333
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-24333

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3098 TCACAGTGTCTAAGACTCAT 3117
Db      1 TCACAGTCTTAAGACCCAT 20

RESULT 881
US-10-098-263B-46324/C
; Sequence 46324, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 46324
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-46324

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1650 GGGGATCCTATCCAGGATC 1669
Db      24 GGGGATCCTTTCCAGGATC 5

RESULT 882
US-10-098-263B-49701
; Sequence 49701, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 49701
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-49701

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6612 TTCCCATCAGGGTAGAAAA 6631
Db      4 TTCTCTCTCAGGGTAGAAAA 23

RESULT 883
US-10-098-263B-58341
; Sequence 58341, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 58341
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-58341

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3093 GTGACTCAGAGTGTCTAAGA 3112
Db      2 GTGACCCAGAGTCTTAAGA 21

RESULT 884
US-10-098-263B-108052
; Sequence 108052, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 108052
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-108052

Query Match          0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2944 ACAGGGCCAGCAAGACAGAC 2963
Db      4 ACAGGCTCTGCAAGACAGAC 23

RESULT 885
US-10-374-686-1
; Sequence 1, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libchaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; PRIOR FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
```



```
;; PRIOR APPLICATION NUMBER: 60/228728
;; PRIOR FILING DATE: 2000-08-29
;; PRIOR APPLICATION NUMBER: 60/280350
;; PRIOR FILING DATE: 2001-03-30
;; NUMBER OF SEQ ID NOS: 6
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 1
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: synthetic
US-10-374-686-1
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4461 GACCTTTTCTTTTCTTTTCTT 4480
Db      3 GAGTTTCTTTTCTTTTCTTCT 22
```

```
RESULT 886
US-10-374-686-6
; Sequence 6, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libhaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
; NAME/KEY: misc_feature
; LOCATION: 25
; OTHER INFORMATION: n = A,T,C or G
US-10-374-686-6
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4461 GACCTTTTCTTTTCTTTTCTT 4480
Db      3 GAGTTTCTTTTCTTTTCTTCT 22
```

```
RESULT 887
US-10-717-597-1361
; Sequence 1361, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
```

```
;; APPLICANT: Dornier, Andrew J.
;; APPLICANT: Trepicchio, William L.
;; APPLICANT: Stonim, Donna K.
;; APPLICANT: Stever, Jennifer A.
;; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
;; FILE REFERENCE: AM101080L
;; CURRENT APPLICATION NUMBER: US/10/717,597
;; CURRENT FILING DATE: 2003-11-21
;; PRIOR APPLICATION NUMBER: US 60/459,782
;; PRIOR FILING DATE: 2003-04-03
;; PRIOR APPLICATION NUMBER: US 60/427,982
;; PRIOR FILING DATE: 2002-11-21
;; NUMBER OF SEQ ID NOS: 4904
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 1361
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-717-597-1361
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Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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Qy      6780 TTTTACTATTGGGCTTCTA 6799
Db      6 TTTTACTATTGGGCTTCTCA 25
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RESULT 888
US-10-723-361-13913
; Sequence 13913, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13913
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13913
```

```
Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5546 GTGCATGCAGATGAGAGAGT 5565
Db      1 GTGCATGCAGCTGGAGAGAGT 20

RESULT 889
US-10-775-169-1117
; Sequence 1117, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeet
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1117
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-1117

Query Match      0.2%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 8.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3828 GCCCCTGACCTTTCACCTTA 3847
Db      2 GCCCAGGCCATTCACCTTA 21

RESULT 890
US-09-880-727-10
; Sequence 10, Application US/09880727
; Publication No. US20030064364A1
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; APPLICANT: Chee, Mark
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chaogiang, Lai
; APPLICANT: Modicka, Lisa
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Lee, Danny
; APPLICANT: Tran, Huu M.
; APPLICANT: Mateuzaki, Hajime
; APPLICANT: Mcgall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/880,727
; FILING DATE: 13-Jun-2001
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CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/882,649
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:

US-09-880-727-10

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      1 AAAAAGAAAAAGAAAAAGAAAAAGAAA 28

RESULT 891
US-10-314-578-1094/C
; Sequence 1094, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schelter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1094
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence

US-10-314-578-1094

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      30 AAAAAGAAAAAGAAAAAGAAAAAGAAA 3
```

```

RESULT 892
US-10-314-578-1095
; Sequence 1095, Application US/10314578
; Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jörg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1095
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1095

```

	Query Match	Similarity	0.2%	Score 16.8	DB 1	Length 30
Best Local	Similarity	75.0%	Pred. No.	1.1e+03		
Matches	21	Conservative	0	Mismatches	7	Indels 0; Gaps 0;
Oy	4012	AAAATGAGAAAAAAGAAGAAACAAAA	4039			
Db	1	AAAAAAAAAAAAAAAAAAAAAAAAAAAAA	28			

```

RESULT 893
US-10-042-193A-1/c
; Sequence 1, Application US/10042193A
; Publication No. US20020192670A1
; GENERAL INFORMATION:
; APPLICANT: TAKUNAGA, TAKUMI
; APPLICANT: ISHIGURO, TAKAHITO
; APPLICANT: HOBIE, RYUICHI
; TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC
; FILE REFERENCE: 21807050
; CURRENT APPLICATION NUMBER: US/10/042,193A
; CURRENT FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: JP 2001-003432
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-1

```

```

Query Match      0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.le+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0.

Qy      4012 AAAATGAGAAAAAGAGAAAAACAAA 4039
      ||| | | | | | | | | | | | | |
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 894
US-10-042-193A-2
: Sequence 2. Application US//10042193A

```

```

: Publication No. US20020192670A1
:
: GENERAL INFORMATION:
: APPLICANT: TAKUNAGA, TAKUMI
: APPLICANT: ISHIGURO, TAKAHIKO
: APPLICANT: HORIE, RYUICHI
: TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
: FILE REFERENCE: 218077050
: CURRENT APPLICATION NUMBER: US/10/042,193A
: CURRENT FILING DATE: 2002-01-11
: PRIOR APPLICATION NUMBER: JP 2001-003432
: PRIOR FILING DATE: 2001-01-11
: NUMBER OF SEQ ID NOS: 4
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 2
: LENGTH: 30
: TYPE: DNA
: ORGANISM: ARTIFICIAL SEQUENCE
: FEATURE:
: OTHER INFORMATION: SYNTHETIC DNA
: US-10-042-193A-2

```

Query Match	0.2%	Score 16.8;	DB 1;	Length 30;
Best Local Similarity	75.0%;	Pred. No. 1.1e+03;		
Matches 21; Conservative	0;	Mismatches 7;	Indels 0;	Gaps 0;

QY	4012	AAATGAGAAAAAGAGAAAAA	CAAA 4039
Db	1	AAAAAAAAAAAAAAAAAAAAAAAA	28

```

RESULT 895
US-10-380-584-115/c
; Sequence 115, Application US/10380584
; Publication No. US20040014088A1
GENERAL INFORMATION:
APPLICANT: Utermohlen, Joseph
APPLICANT: Connaughton, John
TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Probes
TITLE OF INVENTION: Proteinase for In Situ Analysis
FILE REFERENCE: 355/001/PCT
CURRENT APPLICATION NUMBER: US/10/380,584
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 60/233,177
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 126
SOFTWARE: PatentIn version 3.1
SEQ ID NO 115
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe
US-10-380-584-115

```

Query Match	0.2%	Score 16.8	DB 1	Length 30
Best Local Similarity	75.0%	Fred. No. 1.1e+03		
Matches	21	Conservative	7	Indels 0
				Gaps 0
4012	AAATGAGAAAAAGAGAGAAACAAA	4039		

```

QY      4012 AAAAAAGAGAGAAACAAA 4039
          ||| |||| | ||| |||
Db       30 AAAAAAAAAAAAAAAAAAAAAA 3

```

RESULT 896  
US-10-472-055-2/c  
; Sequence 2, Application US/10472055  
; Publication No. US20040161764A1  
; GENERAL INFORMATION:  
; APPLICANT: GABERT, JEAN  
; APPLICANT: BELLARD, EMMANUEL  
; TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE IN THE  
; FILE REFERENCE: 1330-03  
; TITLE OF INVENTION: QUANTIFICATION OF NUCLEOTIDE SEQUENCES OF INTEREST

```
; CURRENT APPLICATION NUMBER: US/10/472,055
; CURRENT FILING DATE: 2003-09-15
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-472-055-2

Query Match          0.2%; Score 16.8; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 897
US-10-371-600-2/c
; Sequence 2, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19,223
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-2

Query Match          0.2%; Score 16.8; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 AAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 898
US-10-371-600-9
; Sequence 9, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-9

Query Match          0.2%; Score 16.8; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 21; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACAAA 4039
Db      32 AAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 900
US-10-418-182-55
; Sequence 55, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: oligonucleotide  
US-10-418-182-55

Query Match 0.2%; Score 16.8; DB 1; Length 36;  
Best Local Similarity 66.7%; Pred. No. 1.3e+03;  
Matches 24; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 32 GCTGCTGAGGCTCCGCGCGGCAACGAGGCT 67  
Db 1 GCTGCTGCTGCGCGCTGCTGCTGCTGCTGCT 36

RESULT 901  
US-09-949-427-93/c  
Sequence 93, Application US/09949427  
Publication No. US20030054418A1  
GENERAL INFORMATION:  
APPLICANT: Bodnar, Jackie S.  
APPLICANT: Castellani, Lawrence W.  
APPLICANT: Chatterjee, Anubindo  
APPLICANT: de Jong, Pieter  
APPLICANT: Lusia, Aldons J.  
APPLICANT: Ohmen, Jeff  
APPLICANT: Ross, David  
APPLICANT: Tafari, Sherrie  
APPLICANT: Wu, Chenyan  
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer  
FILE REFERENCE: 02810.0014.NPUS02  
CURRENT APPLICATION NUMBER: US/09/949,427  
CURRENT FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: 60/231,322  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 93  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-949-427-93

Query Match 0.2%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 8.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5800 CTGCTGCTGCTGCTGCTATG 5822  
Db 23 CTGCTGCTGCTGCTATCTTTTG 1

RESULT 902  
US-09-949-428-93/c  
Sequence 93, Application US/09949428  
Publication No. US20030064372A1  
GENERAL INFORMATION:  
APPLICANT: Bodnar, Jackie S.  
APPLICANT: Castellani, Lawrence W.  
APPLICANT: Chatterjee, Anubindo  
APPLICANT: de Jong, Pieter  
APPLICANT: Lusia, Aldons J.  
APPLICANT: Ohmen, Jeff  
APPLICANT: Ross, David  
APPLICANT: Tafari, Sherrie  
APPLICANT: Wu, Chenyan  
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder  
FILE REFERENCE: 02810.0014.NPUS01  
CURRENT APPLICATION NUMBER: US/09/949,428  
CURRENT FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: 60/231,322  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1

SEQ ID NO 93  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-949-428-93

Query Match 0.2%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 8.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5800 CTGCTGCTGCTGCTGCTATG 5822  
Db 23 CTGCTGCTGCTGCTATCTTTTG 1

RESULT 903  
US-10-100-082-5/c  
Sequence 5, Application US/10100082  
Publication No. US20030165479A1  
GENERAL INFORMATION:  
APPLICANT: Cellular Genomics, Inc.  
APPLICANT: VELLECA, Mark A.  
APPLICANT: MILLMAN, Ira  
TITLE OF INVENTION: Methods for Isolating Proteins Expressed by Dendritic Cells  
FILE REFERENCE: 051538-5003US  
CURRENT APPLICATION NUMBER: US/10/100,082  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: US 60/276,474  
PRIOR FILING DATE: 2001-03-19  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer Sequence  
US-10-100-082-5

Query Match 0.2%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 8.9e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3280 GAAGAAAATGAAACGACCCCA 3302  
Db 23 GAAGAAAATGTTCCGACCCCA 1

RESULT 904  
US-10-309-775A-4  
Sequence 4, Application US/10309775A  
Publication No. US20040006032A1  
GENERAL INFORMATION:  
APPLICANT: LOPEZ, Ricardo A.  
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
FILE REFERENCE: 2901/0M327  
CURRENT APPLICATION NUMBER: US/10/309,775A  
CURRENT FILING DATE: 2002-12-04  
PRIOR APPLICATION NUMBER: CA 2,388,049  
PRIOR FILING DATE: 2002-05-30  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-10-309-775A-4

Query Match 0.2%; Score 16.6; DB 1; Length 24;

Best Local Similarity 82.6%; Pred. No. 8.9e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4466 TTTTCTTTTCTTTTCTT 4488  
Db 1 TCTCTTTTGTCTTTTGTCTT 23

## RESULT 905

US-10-670-015-1  
; Sequence 1, Application US/10670015  
; Publication No. US20040180355A1  
; GENERAL INFORMATION:  
; APPLICANT: Alvarado, Gabriel  
; TITLE OF INVENTION: Compositions and Methods for the Use of FMOC Derivatives in  
; FILE REFERENCE: SYNGEN-08259  
; CURRENT APPLICATION NUMBER: US/10/670,015  
; CURRENT FILING DATE: 2003-09-24  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-670-015-1

Query Match 0.2%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 8.9e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5773 GCGCGGCTGCTGCTGCTGC 5795  
Db 2 GCGCGGCGGCGGCGGCGGCGC 24

## RESULT 906

US-10-670-015-1/c  
; Sequence 1, Application US/10670015  
; Publication No. US20040180355A1  
; GENERAL INFORMATION:  
; APPLICANT: Alvarado, Gabriel  
; TITLE OF INVENTION: Compositions and Methods for the Use of FMOC Derivatives in  
; FILE REFERENCE: SYNGEN-08259  
; CURRENT APPLICATION NUMBER: US/10/670,015  
; CURRENT FILING DATE: 2003-09-24  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-670-015-1

Query Match 0.2%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 8.9e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5770 GCTGCGGCGCTGCTGCTGCC 5792  
Db 24 GCGCGGCGGCGGCGGCGGCGC 2

## RESULT 907

US-09-866-108-3233/c  
; Sequence 3233, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 3233  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-3233

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4298 GCATCTTTTCTTCCCTGGAC 4320  
Db 25 GCCTTTTTCAGTCCCGCGAC 3

## RESULT 908

US-09-866-108-3234/c  
; Sequence 3234, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108

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; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-3234

Query Match      0.2% Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      4298 GCATCTTTTCCTCCCTGGAC 4320
DB      24 GCCTTTTTCAGTCCCGGAC 2
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RESULT 909
US-09-866-108-3235/c
; Sequence 3235, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3235
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-3235
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Query Match      0.2% Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4298 GCATCTTTTCCTCCCTGGAC 4320
DB      23 GCCTTTTTCAGTCCCGGAC 1
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RESULT 910
US-09-866-108-4407/c
; Sequence 4407, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4407
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4407
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Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      5766 GCTTGCTGCGCGCCTGCTGCC 5788
Db      25 GCTTCTGCGCCAGCTCTCTCC 3
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RESULT 911
US-09-866-108-4408/c
; Sequence 4408, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
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; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4408
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Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      5766 GCTTGCTGCGCGCCTGCTGCC 5788
Db      24 GCTTCTGCGCCAGCTCTCTCC 2
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RESULT 912
US-09-866-108-4409/c
; Sequence 4409, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4409
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4409
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Query Match          0.2%; Score 16.6; DB 1; Length 25;
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Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 5766 GCTTGCTGCGCGCTGCTGCC 5788  
DB 23 GCTTCTGCGCGCTGCTGCC 1

RESULT 913  
US-09-866-108-5201  
; Sequence 5201, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wenheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263,6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: AeoMica Sequence Listing Engine  
; SEQ ID NO 5201  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-5201

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4319 ACTGTCTCTGACCTTTGGCTC 4341  
DB 3 ACTGTCTCTGCGCGCTTGGCTC 25

RESULT 914  
US-09-866-108-5202

; Sequence 5202, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wenheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263,6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: AeoMica Sequence Listing Engine  
; SEQ ID NO 5202  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-5202

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4319 ACTGTCTCTGACCTTTGGCTC 4341  
DB 2 ACTGTCTCTGCGCGCTTGGCTC 24

RESULT 915  
US-09-866-108-5203  
; Sequence 5203, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wenheng  
; APPLICANT: SHANNON, Mark

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; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5203
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-5203

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4319 ACTGTCCTCTGACCCCTTGCGTC 4341
Db      1 ACTGTCCTCGGGGCTTCGGCTC 23

RESULT 916
US-09-866-108-12694
; Sequence 12694, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-12694

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CAACATCAGCAGCAGCAGCA 7429
Db      3 CAGCTTCAGCAGCAGCTGAAGCA 25

RESULT 917
US-09-866-108-12695
; Sequence 12695, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12695

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CACATCAGCAGCAGCAGCAGCA 7429
DB      2 CAGCTTCAGCAGCAGCTGTAAGCA 24

RESULT 918
US-09-951-843-10
; Sequence 10, Application US/09951843
; Patent No. US20020168378A1
; GENERAL INFORMATION:
; APPLICANT: Fresnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11D1
; CURRENT APPLICATION NUMBER: US/09/951,843
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/528,760
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-951-843-10

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1921 GATGCAATTAACATCTCTAGT 1943
DB      2 GGTAGCAATTAACATCTCTGT 24

RESULT 919
US-10-060-756A-3679
; Sequence 3679, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3680

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4040 TGTATTTTATACCATTAAGT 4062
DB      3 TGTATTTTATACCATCAAGT 25

RESULT 920
US-10-060-756A-3680
; Sequence 3680, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3680

Query Match      0.2%; Score 16.6; DB 1; Length 25;
```

Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4040 TGTATTATTTATACCACTACTG 4062  
Db 2 TGTATTATTTATACATCAGCTG 24

## RESULT 921

US-10-060-756A-3681  
; Sequence 3681, Application US/10060756A  
; Publication No. US20030046717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060.756A  
; PRIOR FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/327,898  
; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 3681  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-756A-3681

Query Match Best Local Similarity 0.2%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4040 TGTATTATTTATACCACTACTG 4062  
Db 1 TGTATTATTTATACATCAGCTG 23

## RESULT 922

US-10-215-112-13497  
; Sequence 13497, Application US/10215112  
; Publication No. US20030082596A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael Miltman  
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:  
; FILE REFERENCE: Test3  
; CURRENT APPLICATION NUMBER: US/10/215.112  
; CURRENT FILING DATE: 2002-08-08  
; NUMBER OF SEQ ID NOS: 14936  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 13497  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-215-112-13497

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2282 TCMAACTGAGAAAGACTACAG 2304  
Db 2 TGAAGTAAAGAAAGCTCTACTAG 24

## RESULT 923

US-10-098-263B-12062/c  
; Sequence 12062, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 12062  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-12062

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 AAGAAGACATTTCACCTGTCTC 518  
Db 24 AAGAAGTACCTTGACACTGTCTC 2

## RESULT 924

US-10-098-263B-38942  
; Sequence 38942, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 38942  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-38942

Query Match 0.2%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 TTGTGTGCGAAGACGCATCAC 2343  
Db 3 TGTGTGTGCGAAGACGCATCGC 25

## RESULT 925

US-10-098-263B-41771  
; Sequence 41771, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray

```
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 41771
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-41771
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      214 ATGGAAGCGGACCTCGGAGC 236
Db      2 ATCCAAAGGAGCCCTCGGAGC 24
```

```
RESULT 926
US-10-098-263B-43190
Sequence 43190, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 43190
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-43190
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4399 CTTCTGTTTCAAAAATGAAATT 4421
Db      2 CTTCTGTTTACGACGAGAAATT 24
```

```
RESULT 927
US-10-098-263B-44071
Sequence 44071, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 44071
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-44071
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
```

```
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY      1331 GACAGAGAGATCATCTGCGCTG 1353
Db      3 GACAGAAAGTAGAGCCGTCGCTG 25
```

```
RESULT 928
US-10-098-263B-50707
Sequence 50707, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 50707
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-50707
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      7114 TGAATTAATTCTTCTGTCGACAC 7136
Db      2 TGAACACTATTCTCTGTGTCGC 24
```

```
RESULT 929
US-10-098-263B-65555/c
Sequence 65555, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIORITY APPLICATION NUMBER: 60/276,759
PRIORITY FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 65555
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-65555
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4151 GATTGTTCTTCTGACCTGCTG 4173
Db      25 GAGTGTCTCTGACCTTCTCTG 3
```

```
RESULT 930
US-10-098-263B-68759
Sequence 68759, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
```

```

; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 68759
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-68759

Query Match
Best Local Similarity 0.2%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6608 TTCTTCCCATCAGGTAGAAA 6630
Db 2 TTATTTCTCTCCTCAGGTAGAAA 24

RESULT 931
US-10-098-263B-70479
; Sequence 70479, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 70479
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-70479

Query Match
Best Local Similarity 0.2%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5659 ATCCTTTAGTGGGCTCTTGT 5681
Db 2 ACCCTCTTCTTAGTCTCTTGT 24

RESULT 932
US-10-098-263B-80455/c
; Sequence 80455, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 80455
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80455

Query Match
Best Local Similarity 0.2%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy 4188 GTTATGCCCCAAGATGGGTC 4210
Db 25 GTGTCGCTCAAGATCGGTC 3

RESULT 933
US-10-098-263B-83509
; Sequence 83509, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83509
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83509

Query Match
Best Local Similarity 0.2%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4922 TCAGACTGTTGAGTACTCTC 4944
Db 3 TCAGAACTGTGAGTACTCTC 25

RESULT 934
US-10-098-263B-85456
; Sequence 85456, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 85456
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-85456

Query Match
Best Local Similarity 0.2%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 584 GAATCTTTAAGTCTCATCAAG 606
Db 1 GATTCCTTAATGCTCCGTCAG 23

RESULT 935
US-10-098-263B-92448/c
; Sequence 92448, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
```

```

; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 92448
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-92448

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 3742 TAAAGATCACACCTCAAGATG 3764
Db 23 TCMAAGTCACGACTCAAGATG 1

```

```

RESULT 936
US-10-098-263B-103795/c
; Sequence 103795, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 103795
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-103795

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 6563 GACAGTTTGACCTGATCAT 6585
Db 24 GACAGTTTGACCTGATCAT 2

```

```

RESULT 937
US-10-098-263B-127099/c
; Sequence 127099, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127099
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-127099

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 4627 GGGAGTTGCACTTCACTGTGA 4649
Db 24 GGGAGTTGCACTTCACTGTGA 2

```

```

RESULT 938
US-10-358-619-10
; Sequence 10, Application US/10358619
; Publication No. US20030147851A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Feldhaus, Andrew L.
; APPLICANT: Gao, Zeren
; TITLE OF INVENTION: Murine Interferon-Alpha
; FILE REFERENCE: 99-11D1
; CURRENT APPLICATION NUMBER: US/10/358,619
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US/09/951,843
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/528,760
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,045
; PRIOR FILING DATE: 1999-03-18
; PRIOR APPLICATION NUMBER: 60/155,739
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-358-619-10

```

```

Query Match 0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 1921 GGTGCAATTACACATCTAGT 1943
Db 2 GGTGCAATTACACATCTAGT 24

```

```

RESULT 939
US-10-061-201-3337/c
; Sequence 3337, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205

```

```
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3337
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3337

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6857 TGCCTTCTCCCTGGCGAGGAGA 6879
Db      25 TGCCTTCTCCATGGCGTGGGTGA 3

RESULT 940
US-10-061-201-3338/C
; Sequence 3338, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3338
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3338

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6857 TGCCTTCTCCCTGGCGAGGAGA 6879
Db      24 TGCCTTCTCCATGGCGTGGGTGA 2

RESULT 941
US-10-061-201-3339/C
; Sequence 3339, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178

; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3339
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3339

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6857 TGCCTTCTCCCTGGCGAGGAGA 6879
Db      23 TGCCTTCTCCATGGCGTGGGTGA 1

RESULT 942
US-10-717-597-765
; Sequence 765, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dornier, Andrew J.
; APPLICANT: Trepicchio, William L.
; APPLICANT: Stonim, Donna K.
; APPLICANT: Stover, Jennifer A.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
; FILE REFERENCE: AML01080L
; CURRENT APPLICATION NUMBER: US/10/717,597
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 60/459,782
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: US 60/427,982
; PRIOR FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 4904
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 765
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-765

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5860 TTAGTGGCAGGGGTGAGGCTTAG 5882
Db      11 TTAGTGGCAGGGGTGAGGCTTAG 11
```



Db 3 TTACGTGTAGAGTCTGCTTAG 25

## RESULT 943

US-10-717-597-3423  
; Sequence 3423, Application US/10717597  
; Publication No. US20040110221A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeath  
; APPLICANT: Burczynski, Michael E.  
; APPLICANT: Twine, Natalie C.  
; APPLICANT: Dornier, Andrew J.  
; APPLICANT: Trepicchio, William L.  
; APPLICANT: Slonim, Donna K.  
; APPLICANT: Stever, Jennifer A.  
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS  
; FILE REFERENCE: AM101080L  
; CURRENT APPLICATION NUMBER: US/10/717,597  
; CURRENT FILING DATE: 2003-11-21  
; PRIOR APPLICATION NUMBER: US 60/459,782  
; PRIOR FILING DATE: 2003-04-03  
; PRIOR APPLICATION NUMBER: US 60/427,982  
; PRIOR FILING DATE: 2002-11-21  
; NUMBER OF SEQ ID NOS: 4904  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3423  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-717-597-3423

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5773 GCCCGCTGCTGCTGCTGCTGCC 5795  
Db 3 GCCCGCTGCTGCTGCTGCTGCC 25

RESULT 944  
US-10-717-597-3424  
; Sequence 3424, Application US/10717597  
; Publication No. US20040110221A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeath  
; APPLICANT: Burczynski, Michael E.  
; APPLICANT: Twine, Natalie C.  
; APPLICANT: Dornier, Andrew J.  
; APPLICANT: Trepicchio, William L.  
; APPLICANT: Slonim, Donna K.  
; APPLICANT: Stever, Jennifer A.  
; TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS  
; FILE REFERENCE: AM101080L  
; CURRENT APPLICATION NUMBER: US/10/717,597  
; CURRENT FILING DATE: 2003-11-21  
; PRIOR APPLICATION NUMBER: US 60/459,782  
; PRIOR FILING DATE: 2003-04-03  
; PRIOR APPLICATION NUMBER: US 60/427,982  
; PRIOR FILING DATE: 2002-11-21  
; NUMBER OF SEQ ID NOS: 4904  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3424  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-717-597-3424

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5775 CCGGCTGCTGCTGCTGCTGCC 5797

Db 2 CCGGCTGCTGCTGCTGCTGCAT 24

## RESULT 945

US-10-723-361-3233/C  
; Sequence 3233, Application US/10723361  
; Publication No. US20040137589A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART  
; FILE REFERENCE: PB0105  
; CURRENT APPLICATION NUMBER: US/10/723,361  
; CURRENT FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: US 09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See file wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 3233  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-723-361-3233

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4298 GCATCTTTTCTGCTGCTGCTGAC 4320  
Db 25 GCCTCTTTTGAATCCCGGAC 3

RESULT 946  
US-10-723-361-3234/C  
; Sequence 3234, Application US/10723361  
; Publication No. US20040137589A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART  
; FILE REFERENCE: PB0105  
; CURRENT APPLICATION NUMBER: US/10/723,361

```
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3234
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4298 GCATCTTTTCTCTCCCTCGAC 4320
Db      24 GCCTCTTTTCAGTCCCGGAC 2
```

```
RESULT 947
US-10-723-361-3235/c
; Sequence 3235, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3235
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-3235
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4298 GCATCTTTTCTCTCCCTCGAC 4320
Db      23 GCCTCTTTTCAGTCCCGGAC 1
```

```
RESULT 948
US-10-723-361-4407/c
; Sequence 4407, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4407
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4407
```

```
Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5766 GCTTGCTGGCGGCGCTCGCC 5788
Db      25 GCCTCTGGCGGCGCTCGCTCC 3
```

```
RESULT 949
US-10-723-361-4408/c
; Sequence 4408, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4408
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4408

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      5766 GCTTGCTGCGCGCGCTGCTGCC 5788
Db      24 GCTTCCTGCGCGCGCTCCTCC 2

RESULT 950
US-10-723-361-4409/c
; Sequence 4409, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/866,108
```

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;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; SEQ ID NO 4409
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-723-361-4409

Query Match      0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      5766 GCTTGCTGCGCGCGCTGCTGCC 5788
Db      23 GCTTCCTGCGCGCGCTCCTCC 1

RESULT 951
US-10-723-361-5201
; Sequence 5201, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```



```

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-723-361-12694

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CAGCTTCAGCAGCAGCAGCA 7429
DB      3 CAGCTTCAGCAGCAGCAGCA 25

RESULT 955
US-10-723-361-12695
; Sequence 12695, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 12695
```

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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-723-361-12695

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7407 CAGCTTCAGCAGCAGCAGCA 7429
DB      2 CAGCTTCAGCAGCAGCAGCA 24

RESULT 956
US-10-775-169-715
; Sequence 715, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dorneer, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 715
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
; US-10-775-169-715

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6412 AGATAGCTTCCTGCGCCTCT 6434
DB      1 AGATTCCTCTCTGTAGCCTACT 23

RESULT 957
US-10-775-169-2828/c
; Sequence 2828, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dorneer, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2828
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
; US-10-775-169-2828

Query Match          0.2%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4106 TTATATCCAGAAATGAGC 4128
```

Db 23 TTGTATCCCAAGAACTTCAGC 1

RESULT 958  
US-10-775-169-3059  
; Sequence 3059, Application US/10775169  
; Publication No. US20040175743A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Burczynski, Michael  
; APPLICANT: Twine, Natalie  
; APPLICANT: Dornier, Andrew  
; APPLICANT: Trepicchio, William  
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo  
; FILE REFERENCE: AM101080 (031896-013000)  
; CURRENT APPLICATION NUMBER: US/10/775,169  
; CURRENT FILING DATE: 2004-02-11  
; NUMBER OF SEQ ID NOS: 5278  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3059  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: probe  
US-10-775-169-3059

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5795 CCTGCTGCTGCTGCTGCTGCT 5817  
Db 2 CCTGCTGCTGCTGCTGCTGCT 24

RESULT 959  
US-10-775-169-3805  
; Sequence 3805, Application US/10775169  
; Publication No. US20040175743A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Burczynski, Michael  
; APPLICANT: Twine, Natalie  
; APPLICANT: Dornier, Andrew  
; APPLICANT: Trepicchio, William  
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo  
; FILE REFERENCE: AM101080 (031896-013000)  
; CURRENT APPLICATION NUMBER: US/10/775,169  
; CURRENT FILING DATE: 2004-02-11  
; NUMBER OF SEQ ID NOS: 5278  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3805  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: probe  
US-10-775-169-3805

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2727 GGCCCTGGCCAAAGCCGTGCAGG 2749  
Db 2 GGCCCTGGTCATGATGATGCAGG 24

RESULT 960  
US-10-775-169-3974  
; Sequence 3974, Application US/10775169  
; Publication No. US20040175743A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Burczynski, Michael  
; APPLICANT: Twine, Natalie

; APPLICANT: Dornier, Andrew  
; APPLICANT: Trepicchio, William  
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo  
; FILE REFERENCE: AM101080 (031896-013000)  
; CURRENT APPLICATION NUMBER: US/10/775,169  
; CURRENT FILING DATE: 2004-02-11  
; NUMBER OF SEQ ID NOS: 5278  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3974  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: probe  
US-10-775-169-3974

Query Match 0.2%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 9.4e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5925 GAGATGTCACCTGGGCTGACT 5947  
Db 2 GAGATGTCACCTGGGCTGACT 24

RESULT 961  
US-10-176-055-10/c  
; Sequence 10, Application US/10176055  
; Publication No. US20030013109A1  
; GENERAL INFORMATION:  
; APPLICANT: Evident Technologies  
; TITLE OF INVENTION: Halpin Sensors Using Quenchable Fluorescing Agents  
; FILE REFERENCE: 11739/26  
; CURRENT APPLICATION NUMBER: US/10/176,055  
; CURRENT FILING DATE: 2002-06-21  
; PRIOR APPLICATION NUMBER: 60/299,460  
; PRIOR FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Complementary  
; OTHER INFORMATION: probe  
; OTHER INFORMATION: Complementary probe that binds specifically to  
; OTHER INFORMATION: target sequence  
US-10-176-055-10

Query Match 0.2%; Score 16.6; DB 1; Length 30;  
Best Local Similarity 82.6%; Pred. No. 1.2e+03;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4017 GAGAAAAAAGAGAAAAACAAA 4039  
Db 28 GAGAAAAAAGAAAAAAGAAAAA 6

RESULT 962  
US-09-828-034-15/c  
; Sequence 15, Application US/09828034  
; Patent No. US20020064771A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhong, Weidong  
; APPLICANT: Hong, Zhi  
; APPLICANT: Ferrari, Eric  
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES  
; FILE REFERENCE: IN01165  
; CURRENT APPLICATION NUMBER: US/09/828,034  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: U.S. 60/195,852  
; PRIOR FILING DATE: 2000-04-06  
; NUMBER OF SEQ ID NOS: 33

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; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-15

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4460 GCACCTTTTCTTTTCTTTT 4477
      |||||
Db      18 GCACCTTTTCTTTTCTTTT 1

RESULT 963
US-09-961-077-1167/c
; Sequence 1167, Application US/09961077
; Publication No. US2003001475A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerter, Otto
; Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1167:
US-09-961-077-1167

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      65 GCTGCGGCGCGCGCGCG 82
      |||||
Db      18 GCTGCGGCGCGCGCGCG 1

RESULT 964
US-10-054-387-48/c
; Sequence 48, Application US/10054387
; Publication No. US20030054365A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Minzhen
; Qiu, Gang
; Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/10/054,387
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
US-10-054-387-48

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAG 7430
      |||||
Db      18 CAGCAGCAGCAGCAGCAG 1

RESULT 965
US-10-333-461-18
; Sequence 18, Application US/10333461
; Publication No. US20030165952A1
; GENERAL INFORMATION:
; APPLICANT: Global Genomics AB
; APPLICANT: Linmarsson, Sten
; APPLICANT: Ernfore, Patrik
; APPLICANT: Bauren, Goran
; TITLE OF INVENTION: Methods for analysis and identification of transcribed
; FILE REFERENCE: smwfp5941752
; CURRENT APPLICATION NUMBER: US/10/333,461
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: GB 0018016.6
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 60/219,925
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-333-461-18

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4467 TTTT|TTTTTTTTTTTG 4484
Db      1 TTTT|TTTTTTTTTTTTCG 18

RESULT 966
US-10-352-253A-18
; Sequence 18, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linmarsson, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metsis, Ales
; APPLICANT: Pihlak, Arno
; APPLICANT: Montellius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-18

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4467 TTTT|TTTTTTTTTTTG 4484
Db      1 TTTT|TTTTTTTTTTTTCG 18

RESULT 967
US-10-352-255A-18
; Sequence 18, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats
; APPLICANT: LINMARSSON, Sten
; APPLICANT: ERNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-18

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4467 TTTT|TTTTTTTTTTTG 4484
Db      1 TTTT|TTTTTTTTTTTTCG 18

RESULT 968
US-10-436-231-5
; Sequence 5, Application US/10436231
; Publication No. US20040175704A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; APPLICANT: Sorge, Joseph A
; APPLICANT: Firmin, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-5

Query Match          0.2%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 6.Se+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7419 CAGCAGCAGCAGCAGCAC 7436
Db      1 CAGCAGCAGCAGCAGCCCC 18

RESULT 969
US-10-436-231-6/c
; Sequence 6, Application US/10436231
; Publication No. US20040175704A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; APPLICANT: Sorge, Joseph A
; APPLICANT: Firmin, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-6

Query Match          0.2%; Score 16.4; DB 1; Length 18;
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Best Local Similarity 94.4%; Pred. No. 6.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 7419 CAGCAGCAGCAGCAGCAGC 7436  
Db 18 CAGCAGCAGCAGCAGCCC 1

RESULT 970  
US-10-349-143-10119  
Sequence 10119, Application US/10349143  
Publication No. US20040005584A1  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...  
FILE REFERENCE: GENSER.020CPI  
CURRENT FILING DATE: 2003-01-21  
PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/299,850  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 10119  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: downstream amplification primer 99-9587 for SEQ 2254, in compleme

US-10-349-143-10119  
Query Match 0.2%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6181 AAGACTGATGAGAGAGA 6198  
Db 1 AAGACTGATGAGAGAGA 18

RESULT 971  
US-10-665-951-426/C  
Sequence 426, Application US/10665951  
Publication No. US20040138163A1  
GENERAL INFORMATION:  
APPLICANT: Sirta Therapeutics, Inc.  
APPLICANT: McSwiggen, James  
APPLICANT: Belgelman, Leonid  
APPLICANT: Pavco, Pamela  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siRNA)  
FILE REFERENCE: 400/131 (MEHB02-742-F)  
CURRENT FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: US/10/665,951  
PRIOR FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: US 10/664,668  
PRIOR FILING DATE: 2003-02-20  
PRIOR APPLICATION NUMBER: PCT/US 03/05022  
PRIOR FILING DATE: 2003-02-20  
PRIOR APPLICATION NUMBER: US 60/399,348  
PRIOR FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US 60/393,796  
PRIOR FILING DATE: 2002-07-03  
PRIOR APPLICATION NUMBER: US 10/287,949  
PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747  
PRIOR FILING DATE: 2002-11-27  
PRIOR APPLICATION NUMBER: PCT/US 02/17674  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 2455  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 426  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
US-10-665-951-426

Query Match 0.2%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3324 GATGTTTATGCGTTCA 3341  
Db 19 GATGTTTATGCGTTCA 2

RESULT 972  
US-10-665-951-853  
Sequence 853, Application US/10665951  
Publication No. US20040138163A1  
GENERAL INFORMATION:  
APPLICANT: Sirta Therapeutics, Inc.  
APPLICANT: McSwiggen, James  
APPLICANT: Belgelman, Leonid  
APPLICANT: Pavco, Pamela  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siRNA)  
FILE REFERENCE: 400/131 (MEHB02-742-F)  
CURRENT FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: US/10/665,951  
PRIOR FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: US 10/664,668  
PRIOR FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: PCT/US 03/05022  
PRIOR FILING DATE: 2003-02-20  
PRIOR APPLICATION NUMBER: US 60/399,348  
PRIOR FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US 60/393,796  
PRIOR FILING DATE: 2002-07-03  
PRIOR APPLICATION NUMBER: US 10/287,949  
PRIOR FILING DATE: 2002-11-04  
PRIOR APPLICATION NUMBER: US 10/306,747  
PRIOR FILING DATE: 2002-11-27  
PRIOR APPLICATION NUMBER: PCT/US 02/17674  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 2455  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 853  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:

```
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-665-951-853

Query Match      0.2%; Score 16.4; DB 1; Length 19;
Best Local Similarity 55.6%; Pred. No. 7e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3324 GAGCTTTTATGGGTCA 3341
Db      1 GAUGUUUUAACGGGUUCA 18

RESULT 973
US-10-188-404-49
; Sequence 49, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lelf
; APPLICANT: Coulli, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: N is Pseudocytosine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N is Pseudocytosine
US-10-188-404-49

Query Match      0.2%; Score 16.4; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4463 CTTTCTTTCTTTTCTTTT 4481
Db      1 CTTTCTTTCTTTTCTTTT 19

RESULT 974
US-10-164-915-1/c
; Sequence 1, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optical
; TITLE OF INVENTION: for Detection of Interactions Involving a Conformational Change

; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure fo
US-10-164-915-1

Query Match      0.2%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4461 GACTTTTCTTTTCTTTT 4478
Db      18 GACTTTTCTTTTCTTTT 1

RESULT 975
US-10-374-686-2/c
; Sequence 2, Application US/10374686
; Publication No. US20040002089A1
; GENERAL INFORMATION:
; APPLICANT: Dubertret, Benoit
; APPLICANT: Calame, Michel
; APPLICANT: Libchaber, Albert
; TITLE OF INVENTION: Methods Employing Fluorescent Quenching
; TITLE OF INVENTION: by Metal Surfaces
; FILE REFERENCE: 600-1-260PCTUS
; CURRENT APPLICATION NUMBER: US/10/374,686
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/US01/41941
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/228728
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/280350
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-374-686-2

Query Match      0.2%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4461 GACTTTTCTTTTCTTTT 4478
Db      18 GACTTTTCTTTTCTTTT 1

RESULT 976
US-10-671-395-990
; Sequence 990, Application US/10671395
; Publication No. US200400132063A1
; GENERAL INFORMATION:
```

```

1  APPLICANT: Pharmacia Corp.
2  APPLICANT: Glaxo, James K
3  TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
4  TITLE OF INVENTION: EXPRESSION
5  FILE REFERENCE: 1179/1/US
6  CURRENT APPLICATION NUMBER: US/10/671,395
7  CURRENT FILING DATE: 2003-09-25
8  PRIOR APPLICATION NUMBER: 60/413,549
9  PRIOR FILING DATE: 2002-09-25
10 NUMBER OF SEQ ID NOS: 1809
11 SOFTWARE: PatentIn version 3.2
12 SEQ ID NO 990
13 LENGTH: 20
14 TYPE: DNA
15 ORGANISM: artificial
16 FEATURE:
17 OTHER INFORMATION: Human PGE2 antisense
18 US-10-671-395-990

```

Query Match	0.2%	Score 16.4	DB 1	Length 20
Best Local Similarity	94.4%	Pred. No. 7.5e+02		
Matches 17; Conservative	0	Mismatches 1	Indels 0	Gaps 0

<b>Qy</b>	4469 TTTT TTTT TTTT TTTGTC	4486
<b>Db</b>	1 TTTT TTTT TTTT TTTGGC	18

```

RESULT 977
US-10-728-399-199
: Sequence 199, Application US/10728399
: Publication No. US20040132078A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
FILE REFERENCE: 01455_1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 199
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mitoneet antisense
US-10-728-399-199

```

Query Match	0.2%	Score 16.4;	DB 1;	Length 20;
Best Local Similarity	94.4%	Pred. No. 7.5e+02;		
Matches 17; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	4464	TTTTTTTTTTTTTTTTTT	4481	
Db	1	TTTTTTTTTTTTTTTTTT	18	

RESULT 978  
US-10-374-686-3/c  
; Sequence 3, Application US/10374686  
; Publication No. US20040002089A1  
; GENERAL INFORMATION:

? TITLE OF INVENTION: Methods Employing Fluorescent Quenching  
 ?  
 ? TITLE OF INVENTION: by Metal Surfaces  
 ? FILE REFERENCE: 600-1-2600CUTS  
 ? CURRENT APPLICATION NUMBER: US/10/374,686  
 ? CURRENT FILING DATE: 2003-02-26  
 ? PRIOR APPLICATION NUMBER: PCT/US01/41941  
 ? PRIOR FILING DATE: 2001-08-29

```

: PRIOR APPLICATION NUMBER: 60/228728
: PRIOR FILING DATE: 2000-08-29
: PRIOR APPLICATION NUMBER: 60/280350
: PRIOR FILING DATE: 2001-03-30
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: FastSeq for Windows Version 4.0.
: SEQ ID NO 3
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: synthetic
US-10-374-686-3

```

Query Match	0.2%;	Score 16.4;	DB 1;	Length 21;
Best Local Similarity	94.4%;	Pred. No. 8e+02;		
Matches 17; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

[illegible]

```

RESULT 979
US-10-099-322-209
Sequence 209, Application US/10099322
Publication No. US20030215449A1
GENERAL INFORMATION:
APPLICANT: Mezes et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-240CIP
CURRENT APPLICATION NUMBER: US/10/099,322
CURRENT FILING DATE: 2002-09-11
PRIORITY FILING DATE: 60/261,014
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/261,018
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/318,410
PRIORITY FILING DATE: 2001-09-10
PRIORITY APPLICATION NUMBER: 60/261,013
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/261,026
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/261,029
PRIORITY FILING DATE: 2001-01-11
PRIORITY APPLICATION NUMBER: 60/313,170
PRIORITY FILING DATE: 2001-08-17
PRIORITY APPLICATION NUMBER: 10/044,564
PRIORITY FILING DATE: 2002-01-11
NUMBER OF SEQ ID NOS: 324
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 209
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-099-322-209

```

Query Match	0.2%	Score 16.4	DB 1	Length 22
Best Local Similarity	94.4%	Pred. No. 8	Se+02	
Matches 17	Conservative 0	Mismatches 1	Indels 0	Gaps 0

QY 6395 CCTAATGCCCACTGTCTA 641  
|||||  
Db 1 CCTAATGCCCACTCTCTA 18

RESULT 980  
US-10-044-564-209  
; Sequence 209, Application US/10044564  
; Publication No. US20040018196A1

```
; GENERAL INFORMATION:
; APPLICANT: Mezes et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-240
; CURRENT APPLICATION NUMBER: US/10/044,564
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,018
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/318,410
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/261,013
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,026
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,029
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/313,170
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 209
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-044-564-209
```

```
Query Match          0.2%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 8.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6395 CCTATGCCCACTGCTA 6412
      |||||||
Db       1 CCTATGCCCACTGCTA 18
```

```
RESULT 981
US-10-679-064-37
; Sequence 37, Application US/10679064
; Publication No. US20040126795A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Tun-Ping
; APPLICANT: Hopkins, Nick
; APPLICANT: Sasaki, Shoji
; APPLICANT: Wang, Lizhen
; APPLICANT: Baatiainen, John
; APPLICANT: Wilson, Eidon
; APPLICANT: Mileham, Alan
; APPLICANT: Deeb, Nader
; TITLE OF INVENTION: GENETIC MARKERS ASSOCIATED WITH SCROTAL HERNIAS IN PIGS
; FILE REFERENCE: P05787US01
; CURRENT APPLICATION NUMBER: US/10/679,064
; PRIOR FILING DATE: 2003-10-03
; PRIOR APPLICATION NUMBER: US 60/416,211
; PRIOR FILING DATE: 2002-10-03
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Sus scrofa
US-10-679-064-37
```

```
Query Match          0.2%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 8.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5697 GTTTGCTTCTTTTC 5714
      |||||||
```

```
Db       5 GTTTTCTTCTTTTC 22
```

```
RESULT 982
US-10-027-632-52619/c
; Sequence 52619, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52619
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52619
```

```
Query Match          0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4460 GGACTTTTCTTTTCTTTT 4481
      |||||||
Db       22 GGCTTTTGTCTTTTCTTTT 1
```

```
RESULT 983
US-10-027-632-52619/c
; Sequence 52619, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52619
```

LENGTH: 23  
TYPE: DNA  
ORGANISM: Human  
US-10-027-632-52619

Query Match 0.2%; Score 16.4; DB 1; Length 23;  
Best Local Similarity 77.3%; Pred. No. 9.1e+02;  
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4460 GGACTTTTGTGTTTTTTT 4481  
|||:|||||  
Db 22 GGTTTGTGTTTTTTT 1

RESULT 984  
US-10-027-632-52637/c  
Sequence 52637, Application US/10027632  
Publication No. US20020198371A1  
GENERAL INFORMATION:  
APPLICANT: Wang, David G.  
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632  
CURRENT FILING DATE: 2002-04-30  
PRIOR APPLICATION NUMBER: US 60/218,006  
PRIOR FILING DATE: 2000-07-12  
PRIOR APPLICATION NUMBER: US 60/198,676  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US 60/193,483  
PRIOR FILING DATE: 2000-03-29  
PRIOR APPLICATION NUMBER: US 60/185,218  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/167,363  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 52637  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Human  
US-10-027-632-52637

Query Match 0.2%; Score 16.4; DB 1; Length 23;  
Best Local Similarity 77.3%; Pred. No. 9.1e+02;  
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4460 GGACTTTTGTGTTTTTTT 4481  
|||:|||||  
Db 22 GGTTTGTGTTTTTTT 1

RESULT 985  
US-10-027-632-52637/c  
Sequence 52637, Application US/10027632  
Publication No. US20030204075A9  
GENERAL INFORMATION:  
APPLICANT: Wang, David G.  
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632  
CURRENT FILING DATE: 2002-04-30  
PRIOR APPLICATION NUMBER: US 60/218,006  
PRIOR FILING DATE: 2000-07-12  
PRIOR APPLICATION NUMBER: US 60/198,676  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US 60/193,483  
PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/167,363  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 52637  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Human  
US-10-027-632-52637

Query Match 0.2%; Score 16.4; DB 1; Length 23;  
Best Local Similarity 77.3%; Pred. No. 9.1e+02;  
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4460 GGACTTTTGTGTTTTTTT 4481  
|||:|||||  
Db 22 GGTTTGTGTTTTTTT 1

RESULT 986  
US-10-027-632-52655/c  
Sequence 52655, Application US/10027632  
Publication No. US20020198371A1  
GENERAL INFORMATION:  
APPLICANT: Wang, David G.  
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
FILE REFERENCE: 108827.129  
CURRENT APPLICATION NUMBER: US/10/027,632  
CURRENT FILING DATE: 2002-04-30  
PRIOR APPLICATION NUMBER: US 60/218,006  
PRIOR FILING DATE: 2000-07-12  
PRIOR APPLICATION NUMBER: US 60/198,676  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US 60/193,483  
PRIOR FILING DATE: 2000-03-29  
PRIOR APPLICATION NUMBER: US 60/185,218  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/167,363  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 52655  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Human  
US-10-027-632-52655

Query Match 0.2%; Score 16.4; DB 1; Length 23;  
Best Local Similarity 77.3%; Pred. No. 9.1e+02;  
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4460 GGACTTTTGTGTTTTTTT 4481  
|||:|||||  
Db 22 GGTTTGTGTTTTTTT 1

RESULT 987  
US-10-027-632-52655/c  
Sequence 52655, Application US/10027632  
Publication No. US20030204075A9  
GENERAL INFORMATION:  
APPLICANT: Wang, David G.

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; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52655
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52655

Query Match      0.2%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 9.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      4460 GGACTTTTCTTTTCTTTTCTTTT 4481
Db      22 GGCTGTTTGTCTTTTCTTTTCTTTT 1

RESULT 988
US-10-175-225-74/c
; Sequence 74, Application US/10175225
; Publication No. US20030082582A1
; GENERAL INFORMATION:
; APPLICANT: Richard A. Gatti
; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
; FILE REFERENCE: UC078.001DV1
; CURRENT APPLICATION NUMBER: US/10/175,225
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: US 09/360,416
; PRIOR FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Human
US-10-175-225-74

Query Match      0.2%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3168 TTAGCTTTGGGTTTGATA 3185
Db      19 TTAGATTGGGTTTGATA 2

RESULT 989
US-10-085-167-5/c
; Sequence 5, Application US/10085167
; Publication No. US20030170781A1
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Lok, Si
```

```
; TITLE OF INVENTION: SECRETED PROTEIN ZACRP4
; FILE REFERENCE: 99-29
; CURRENT APPLICATION NUMBER: US/10/085,167
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: 60/141,928
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC20,839
US-10-085-167-5

Query Match      0.2%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2099 TACAGCAGCAGCGCAG 2116
Db      23 TACAGCAGCAGCGCAG 6

RESULT 990
US-10-098-263B-99111
; Sequence 99111, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99111
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-99111

Query Match      0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3476 CCCCTAGTAATCTTAAG 3493
Db      8 CCCCTAGTAATCTTAAG 25

RESULT 991
US-10-215-432-23/c
; Sequence 23, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
; APPLICANT: Eric B. Kmiec
; APPLICANT: Hetal Parekh-Olmedo
; TITLE OF INVENTION: Composition and methods for the
; FILE REFERENCE: Napro-10
; CURRENT APPLICATION NUMBER: US/10/215,432
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Single-stranded oligonucleotide
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: (1)...(4)
; OTHER INFORMATION: Phosphorothioate linkage
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: (22)...(25)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-215-432-23

Query Match          0.2%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 7413 CAGCAGCAGCAGCAGCAG 7430
Db 18 CAGCTGCAGCAGCAGCAG 1

RESULT 992
US-10-219-195-38/c
; Sequence 38, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-219-195-38

Query Match          0.2%; Score 16.4; DB 1; Length 39;
Best Local Similarity 67.6%; Pred. No. 1.5e+03;
Matches 23; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Cy 4004 TTAGGCTTAATGAGAAAAAGAGAAACAA 4037
Db 34 TCAGGCAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 993
US-09-981-397A-1
; Sequence 1, Application US/09981397A
; Publication No. US20030082519A1
; GENERAL INFORMATION:
; APPLICANT: Axkima Pharmaceuticals AG
; APPLICANT: Schubert, Daniel
; APPLICANT: Habenberger, Peter
; APPLICANT: Stein-Gerlach, Matthias
; APPLICANT: Bevec, Dorian
; TITLE OF INVENTION: Cellular Kinases Involved in Cytomegalovirus Infection and their
; FILE REFERENCE: AXM-004.1 US
; CURRENT APPLICATION NUMBER: US/09/981,397A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: 60/240,750
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
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; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic polyT primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)...(18)
; OTHER INFORMATION: n = a,c,g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)...(17)
; OTHER INFORMATION: v = a,g or c
; OTHER INFORMATION:
US-09-981-397A-1

Query Match          0.2%; Score 16.2; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 7e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Cy 4468 TTTT TTTT TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT V 17

RESULT 994
US-10-103-614A-4/c
; Sequence 4, Application US/10103614A
; Publication No. US20030059796A1
; GENERAL INFORMATION:
; APPLICANT: SALMAN AL-MAHMOOD
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE
; FILE REFERENCE: 1071-02
; CURRENT APPLICATION NUMBER: US/10/103,614A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: PCT/FR00/02607
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: FR 99/11790
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: a, t, c or g
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: a, t, c or g
US-10-103-614A-4

Query Match          0.2%; Score 16.2; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 7.5e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Cy 4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 4480
Db 18 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 2

RESULT 995
US-09-140-719-20
; Sequence 20, Application US/09140719
; Patent No. US20010026931A1
; GENERAL INFORMATION:
; APPLICANT: TSUJIMOTO, Masafumi
; APPLICANT: IWASA, Fuyuki
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; APPLICANT: TSUROOKA, No. US20010026931A1uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MIURA, Kenju
; APPLICANT: ISHIDA, No. US20010026931A1uhiro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMAICHI, Kozo
; APPLICANT: YAMAGUCHI, No. US20010026931A1omi
; TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/140,719
; FILING DATE: 08-AUG-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/474,661
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/091,028
; FILING DATE: 14-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-212305
; FILING DATE: 17-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 6-067339
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 001560-247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-140-719-20

Query Match      0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      694 GATGTGGCATGAGGACCTG 714
Db      1 GCTGTGGCATGATGACCGAG 21

RESULT 996
US-09-828-034-10/c
; Sequence 10, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
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; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; US-09-828-034-10

Query Match      0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      61 GGAGGCTGGCGGCGCGCGC 81
Db      21 GCGCGCGCGCGCGCGCGC 1

RESULT 997
US-09-920-552-118
; Sequence 118, Application US/09920552
; Patent No. US20020094576A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, David J.
; APPLICANT: Weiss, Robin A.
; TITLE OF INVENTION: Venables, Patrick
; FILE REFERENCE: Abbott Labs
; CURRENT APPLICATION NUMBER: US/09/920,552
; FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 09/280,329
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: GB 9806649.1
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/115,288
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 118
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-920-552-118

Query Match      0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6807 TGGGAAGAGGATATTTCTGG 6827
Db      1 TAGGAAAGAGGATATTACTGG 21

RESULT 998
US-10-091-442-20
; Sequence 20, Application US/10091442
; Publication No. US20020164771A1
; GENERAL INFORMATION:
; APPLICANT: TSUJIMOTO, Masaaki
; APPLICANT: IWASA, Fuyuki
; APPLICANT: TSUROOKA, No. US20020164771A1uo
; APPLICANT: NAKAZATO, Hiroshi
; APPLICANT: MIURA, Kenju
; APPLICANT: ISHIDA, No. US20020164771A1uhiro
; APPLICANT: KURIHARA, Tatsuya
; APPLICANT: YAMAICHI, Kozo
; APPLICANT: YAMAGUCHI, No. US20020164771A1omi
```



TITLE OF INVENTION: MEGAKARYOCYTE DIFFERENTIATION FACTOR  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/091,442  
FILING DATE: 07-Mar-2002  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/140,719  
FILING DATE: 08-AUG-1998  
APPLICATION NUMBER: US 08/474,661  
FILING DATE: 07-JUN-1995  
APPLICATION NUMBER: US 08/091,028  
FILING DATE: 14-JUL-1993  
APPLICATION NUMBER: JP 4-212305  
FILING DATE: 17-JUL-1992  
APPLICATION NUMBER: JP 6-067339  
FILING DATE: 04-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: McGowan, Malcolm K.  
REGISTRATION NUMBER: 39,300  
REFERENCE/DOCKET NUMBER: 001560-247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-10-091-442-20  
Query Match 0.2%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 8.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Oy 694 GATGTGGCCATGAGCACCCTG 714  
DB 1 GCTGTGGCCATGATGACCAG 21  
RESULT 999  
US-10-303-109A-31/c  
Sequence 31, Application US/10303109A  
Publication No. US20030194726A1  
GENERAL INFORMATION:  
APPLICANT: BOLCHAKOVA, Elena  
APPLICANT: ROZZELLE, James  
TITLE OF INVENTION: Therms Oshimai Nucleic Acid Polymerases  
FILE REFERENCE: 4777US  
CURRENT APPLICATION NUMBER: US/10/303,109A  
CURRENT FILING DATE: 2002-11-22  
PRIOR APPLICATION NUMBER: US 60/334,798  
PRIOR FILING DATE: 2001-11-30  
NUMBER OF SEQ ID NOS: 39  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 31  
LENGTH: 21  
TYPE: DNA

ORGANISM: Thermus oshimai  
US-10-303-109A-31  
Query Match 0.2%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 8.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Oy 992 TCAGGGCTGAGGTGGAG 1012  
DB 21 TCAGGGCTGAGAGAGATG 1  
RESULT 1000  
US-10-418-182-97/c  
Sequence 97, Application US/10418182  
Publication No. US20030228302A1  
GENERAL INFORMATION:  
APPLICANT: Crea, Roberto  
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
FILE REFERENCE: 1551.2001-001  
CURRENT APPLICATION NUMBER: US/10/418,182  
CURRENT FILING DATE: 2003-04-16  
PRIOR APPLICATION NUMBER: 60/373,558  
PRIOR FILING DATE: 2002-04-17  
NUMBER OF SEQ ID NOS: 423  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 97  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-10-418-182-97  
Query Match 0.2%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 57.1%; Pred. No. 8.6e+02;  
Matches 12; Conservative 8; Mismatches 1; Indels 0; Gaps 0;  
Oy 7414 AGCAGCAGCAGCAGCAGCAGC 7434  
DB 21 AGMAGCASSGKXAGMARCASC 1  
RESULT 1001  
US-10-418-182-122/c  
Sequence 122, Application US/10418182  
Publication No. US20030228302A1  
GENERAL INFORMATION:  
APPLICANT: Crea, Roberto  
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
FILE REFERENCE: 1551.2001-001  
CURRENT APPLICATION NUMBER: US/10/418,182  
CURRENT FILING DATE: 2003-04-16  
PRIOR APPLICATION NUMBER: 60/373,558  
PRIOR FILING DATE: 2002-04-17  
NUMBER OF SEQ ID NOS: 423  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 122  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-10-418-182-122  
Query Match 0.2%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 8.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Oy 4463 CTTTCTTCTTCTTCTTCTT 4483  
DB 21 CTTTCTTCTTCTTCTTCTT 1

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RESULT 1002
US-10-418-182-305/c
; Sequence 305, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; PRIOR FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 305
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-305

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 8.6e+02;
Matches 12; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCAGCAGC 7434
Db      21 AGWAGCAGSGKTYAGMARCASC 1

RESULT 1003
US-10-349-143-11535
; Sequence 11535, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/398,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11535
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9620 for SEQ 3670, in compleme
US-10-349-143-11535

Query Match          0.2%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6192 GAAGAGATGAGGAGGAATTGG 6212
Db      1 GAGAGGATGAGGAGGAATTGTG 21

RESULT 1004

US-09-828-366-22
; Sequence 22, Application US/09828366
; Patent No. US20020010137A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Klein, Robert D.
; APPLICANT: Napier, Mary
; APPLICANT: Wood, William I.
; APPLICANT: Yuan, Jean
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC
; FILE REFERENCE: P1694R1C1
; CURRENT APPLICATION NUMBER: US/09/828,366
; PRIOR FILING DATE: 2001-04-05
; Prior filing data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-828-366-22

Query Match          0.2%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 9.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1725 GCATCTCAGAAACACCTACTC 1745
Db      1 GCATCTCAGAAACACCTACTC 21

RESULT 1005
US-09-263-959-808/c
; Sequence 808, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 808:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
```

STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-808

Query Match 0.2%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 9.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4468 TTTTGTGTTTGTGTTT 4468  
Db 21 TTTGTGTTTGTGTTTGT 1

RESULT 1006  
US-10-222-945-4  
Sequence 4, Application US/102222945  
Publication No. US20030104009A1  
GENERAL INFORMATION:  
APPLICANT: McGrath, Michael S.  
TITLE OF INVENTION: Retrovirus Isolated From Mantle  
FILE REFERENCE: UCSF-237  
CURRENT APPLICATION NUMBER: US/10/222,945  
CURRENT FILING DATE: 2002-08-15  
PRIOR APPLICATION NUMBER: 60/312,686  
PRIOR FILING DATE: 2001-08-15  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: HERV-10 primer  
US-10-222-945-4

Query Match 0.2%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 9.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1194 AGTTGCCAGCAACAAAGCA 1214  
Db 2 AATTGGCAAGAACTAAGCA 22

RESULT 1007  
US-10-391-249-31  
Sequence 31, Application US/10391249  
Publication No. US20040091935A1  
GENERAL INFORMATION:  
APPLICANT: Dosev, Stephen J.  
TITLE OF INVENTION: NEW STRAINS OF MYCOPLASMA HYORHINIS AS  
FILE REFERENCE: 07917-142001  
CURRENT APPLICATION NUMBER: US/10/391,249  
CURRENT FILING DATE: 2003-03-17  
PRIOR APPLICATION NUMBER: US 60/364,801  
PRIOR FILING DATE: 2002-03-15  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 31  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Mycoplasma hyorhinis  
US-10-391-249-31

Query Match 0.2%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 47.6%; Pred. No. 9.2e+02;  
Matches 10; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy 4468 TTTTGTGTTTGTGTTT 4468  
Db 21 TTTGTGTTTGTGTTTGT 1

Db 2 TTUUTUCUGUUTTTTCTT 22

RESULT 1008  
US-10-723-940-43  
Sequence 43, Application US/10723940  
Publication No. US20040185468A1  
GENERAL INFORMATION:  
APPLICANT: Leonard, Sherry  
TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Recepto  
FILE REFERENCE: VARD-07989  
CURRENT APPLICATION NUMBER: US/10/723,940  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: 08/956,518  
PRIOR FILING DATE: 1997-10-23  
NUMBER OF SEQ ID NOS: 180  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-723-940-43

Query Match 0.2%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 9.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5161 TTCTCTGGAGCACTGGGCTC 5161  
Db 2 TTCTCTGGAGCACTGGGCA 22

RESULT 1009  
US-09-824-468-61/C  
Sequence 61, Application US/09824468  
Patent No. US20020064515A1  
GENERAL INFORMATION:  
APPLICANT: Krieg, Arthur M.  
TITLE OF INVENTION: Methods and Products for Stimulating the  
TITLE OF INVENTION: Immune System Using Immunotherapeutic Oligonucleotides and  
FILE REFERENCE: C1039/7026/HCL  
CURRENT APPLICATION NUMBER: US/09/824,468  
CURRENT FILING DATE: 2001-04-02  
PRIOR APPLICATION NUMBER: 09/286,098  
PRIOR FILING DATE: 1999-04-02  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 61  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-824-468-61

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTCTTACATGG 1541  
Db 22 GGGGAACAGTCTTCAATG 2

RESULT 1010  
US-09-855-797A-48  
Sequence 48, Application US/09855797A

```
; Patent No. US20020094574A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; FILE REFERENCE: 0942.285008
; CURRENT APPLICATION NUMBER: US/09/855,797A
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 09/296,281
; PRIOR FILING DATE: 1999-04-22
; PRIOR APPLICATION NUMBER: US 60/065,930
; PRIOR FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-855-797A-48

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3109 AAGACTCAGCTTGACAGCTT 3129
DB      1 AATTCTCATGTTTGACAGCTT 21

RESULT 1011
US-09-800-266A-52/c
; Sequence 52, Application US/09800266A
; Patent No. US20020156033A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Cancer Medicament Combination Therapy for the Treatment of
; TITLE OF INVENTION: Cancer
; FILE REFERENCE: C1037/7017 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/800,266A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: US 60/187,214
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-800-266A-52

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAAACAGTTCTACATG 1541
DB      22 GGGGAAACAGTTCTCCATGG 2

RESULT 1012
US-09-895-007A-52/c
; Sequence 52, Application US/09895007A
; Patent No. US20020165178A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Schetter, Christian
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ANEMIA, THROMBOCYTOPENIA, AND NEUTROPENIA
; FILE REFERENCE: C1041/7014 (ANS)
; CURRENT APPLICATION NUMBER: US/09/895,007A
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/214,368
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-895-007A-52

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAAACAGTTCTACATG 1541
DB      22 GGGGAAACAGTTCTCCATGG 2

RESULT 1013
US-09-907-900-48
; Sequence 48, Application US/09907900
; Patent No. US2002017297A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850004
; CURRENT APPLICATION NUMBER: US/09/907,900
; CURRENT FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 09/177,387
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-907-900-48

Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3109 AAGACTCAGCTTGACAGCTT 3129
DB      1 AATTCTCATGTTTGACAGCTT 21

RESULT 1014
US-09-907-719-48
; Sequence 48, Application US/09907719
; Publication No. US20020192819A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
```

APPLICANT: Temple, Gary F.  
APPLICANT: Fox, Donna K.  
TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having  
TITLE OF INVENTION: Recombination Sites  
FILE REFERENCE: 0942,2850004  
CURRENT APPLICATION NUMBER: US/09/907,719  
CURRENT FILING DATE: 2001-07-19  
PRIOR APPLICATION NUMBER: US/09/177,387  
PRIOR FILING DATE: 1998-10-23  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 48  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-907-719-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129  
DB 1 AATTCATGTTTGACAGCTT 21

RESULT 1015  
US-09-920-313-52/c  
Sequence 52, Application US/09920313  
Publication No. US20020198165A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
TITLE OF INVENTION: Nucleic Acids for the Prevention and  
TITLE OF INVENTION: Treatment of Gastric Ulcers  
FILE REFERENCE: C1037/7019 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/920,313  
CURRENT FILING DATE: 2001-08-01  
PRIOR APPLICATION NUMBER: US 60/222,248  
PRIOR FILING DATE: 2001-08-08  
NUMBER OF SEQ ID NOS: 148  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 52  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-920-313-52

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541  
DB 22 GGGGAAACAGTTCTCATGG 2

RESULT 1016  
US-09-888-326-35/c  
Sequence 35, Application US/09888326  
Publication No. US20030026801A1  
GENERAL INFORMATION:  
APPLICANT: Weiner, George  
APPLICANT: Hartmann, Gunther  
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
TITLE OF INVENTION: Cell Lysis and Treating Cancer  
FILE REFERENCE: C1039/7052 (AMS)  
CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22  
PRIOR APPLICATION NUMBER: US 60/213,346  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 848  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 35  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
NAME/KEY: misc feature  
LOCATION: (0) - (0)  
OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-35

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541  
DB 22 GGGGAAACAGTTCTCATGG 2

RESULT 1017  
US-09-776-479-19/c  
Sequence 19, Application US/09776479  
Publication No. US20030087848A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
TITLE OF INVENTION: Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 19  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-19

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541  
DB 22 GGGGAAACAGTTCTCATGG 2

RESULT 1018  
US-09-776-479-19/c  
Sequence 19, Application US/09776479  
Publication No. US20040067902A9  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
TITLE OF INVENTION: Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991

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; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-19

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAAACAGTTCTTACATGG 1541
Db      22 GGGGAAACAGTTCTTCCATGG 2

RESULT 1019
US-09-940-185-631/c
; Sequence 631, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25 US 60/227,948
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 631
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-631

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      433 GAATACATGCTCCAGCATTC 453
Db      21 GAATACATGGCCCGAATTC 1

RESULT 1020
US-09-954-987B-23/c
; Sequence 23, Application US/09954987B
; Publication No. US20030104523A1
; GENERAL INFORMATION:
; APPLICANT: Stefan Bauer
; APPLICANT: Grayson B. Lipford
; APPLICANT: Hermann Wagner
; TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT SCREENING OF
; TITLE OF INVENTION: CpG-BASED IMMUNO-AGONIST/ANTAGONIST
; FILE REFERENCE: C1041/7016 (AMS)
; CURRENT APPLICATION NUMBER: US/09/954,987B
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/233,035
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/263,657
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: US 60/291,726
; PRIOR FILING DATE: 2001-05-17

; PRIOR APPLICATION NUMBER: US 60/300,210
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 230
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-954-987B-23

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAAACAGTTCTTACATGG 1541
Db      22 GGGGAAACAGTTCTTCCATGG 2

RESULT 1021
US-09-985-448-48
; Sequence 48, Application US/09985448
; Publication No. US20030157716A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850004
; CURRENT APPLICATION NUMBER: US/09/985,448
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US/09/177,387
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: US 60/065,930
; PRIOR FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-985-448-48

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3109 AAGACTCATGCTTGACAGCTT 3129
Db      1 AATTCTCATGTTTGACAGCTT 21

RESULT 1022
US-10-373-381-48/c
; Sequence 48, Application US/10373381
; Publication No. US20040030118A1
; GENERAL INFORMATION:
; APPLICANT: Wagner, Hermann
; APPLICANT: Lipford, Grayson
; TITLE OF INVENTION: Methods for Regulating Hematopoiesis
; TITLE OF INVENTION: Using CpG-Oligonucleotides
; FILE REFERENCE: C01041.70035.US
; CURRENT APPLICATION NUMBER: US/10/373,381
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 09/241,653
; PRIOR FILING DATE: 1999-02-02
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;; PRIOR APPLICATION NUMBER: US 60/085,516  
;; PRIOR FILING DATE: 1998-05-14  
;; NUMBER OF SEQ ID NOS: 90  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 48  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-373-381-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTTCACATGG 1541  
Db 22 GGGGAACAGTTCACATGG 2

RESULT 1023  
US-10-680-316-48  
;; Sequence 48, Application US/10680316  
;; Publication No. US20040063207A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Hartley, James L.  
;; APPLICANT: Brasch, Michael A.  
;; APPLICANT: Temple, Gary F.  
;; APPLICANT: Fox, Donna K.  
;; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having  
;; FILE OF INVENTION: Recombination Sites  
;; FILE REFERENCE: 0942.2850004  
;; CURRENT APPLICATION NUMBER: US/10/680,316  
;; PRIOR FILING DATE: 2003-10-08  
;; PRIOR APPLICATION NUMBER: US/09/177,387A  
;; PRIOR FILING DATE: 1998-10-23  
;; PRIOR APPLICATION NUMBER: US 60/065,930  
;; PRIOR FILING DATE: 1997-10-24  
;; NUMBER OF SEQ ID NOS: 60  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 48  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-10-680-316-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3109 AAGACTCAGTTCAGACGCTT 3129  
Db 1 AATCTCATGTTGACAGCTT 21

RESULT 1024  
US-10-314-578-19/c  
;; Sequence 19, Application US/10314578  
;; Publication No. US20030212026A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Krieg, Arthur M.  
;; APPLICANT: Scheller, Christian  
;; APPLICANT: Vollmer, Jorg  
;; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
;; FILE REFERENCE: C1039/7035 (HCL/MAT)  
;; CURRENT APPLICATION NUMBER: US/10/314,578  
;; PRIOR FILING DATE: 2002-12-09  
;; PRIOR APPLICATION NUMBER: US 60/156,113  
;; PRIOR FILING DATE: 1999-09-25

;; PRIOR APPLICATION NUMBER: US 60/156,135  
;; PRIOR FILING DATE: 1999-09-27  
;; PRIOR APPLICATION NUMBER: US 60/227,436  
;; PRIOR FILING DATE: 2000-08-23  
;; NUMBER OF SEQ ID NOS: 1145  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 19  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-19

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTTCACATGG 1541  
Db 22 GGGGAACAGTTCACATGG 2

RESULT 1025  
US-10-434-696-52/c  
;; Sequence 52, Application US/10434696  
;; Publication No. US20030224010A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Davis, Heather L.  
;; APPLICANT: Schorr, Joachim  
;; APPLICANT: Krieg, Arthur M.  
;; TITLE OF INVENTION: Use of Nucleic Acids Containing  
;; FILE OF INVENTION: Unmethylated CpG Dinucleotide as an Adjuvant  
;; FILE REFERENCE: C1039/7058/HCL  
;; CURRENT APPLICATION NUMBER: US/10/434,696  
;; PRIOR FILING DATE: 2003-05-09  
;; PRIOR APPLICATION NUMBER: US 09/325,193  
;; PRIOR FILING DATE: 1999-06-03  
;; PRIOR APPLICATION NUMBER: US 09/154,614  
;; PRIOR FILING DATE: 1998-09-16  
;; PRIOR APPLICATION NUMBER: PCT/US98/04703  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: US 60/040,376  
;; PRIOR FILING DATE: 1997-03-10  
;; NUMBER OF SEQ ID NOS: 98  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 52  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-434-696-52

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1521 GGGGAACAGTTCACATGG 1541  
Db 22 GGGGAACAGTTCACATGG 2

RESULT 1026  
US-10-023-909A-52/c  
;; Sequence 52, Application US/10023909A  
;; Publication No. US20020164341A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Davis, Heather L.  
;; APPLICANT: Schorr, Joachim  
;; APPLICANT: Krieg, Arthur M.  
;; TITLE OF INVENTION: Use of Nucleic Acids Containing  
;; FILE OF INVENTION: Unmethylated CpG Dinucleotide as an Adjuvant

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; FILE REFERENCE: C1039/7058/HCL
; CURRENT APPLICATION NUMBER: US/10/023,909A
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 09/325,193
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: US 09/154,614
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/04703
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 60/040,376
; PRIOR FILING DATE: 1997-03-10
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-023-909A-52
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTGCATGG 2
```

```
RESULT 1027
US-10-112-653-19/c
; Sequence 19, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Bieg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-19
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTGCATGG 2
```

```
RESULT 1028
US-10-017-995-19/c
; Sequence 19, Application US/10017995
; Publication No. US2003005501A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: INDUCTION OF Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
```

```
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-19
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTGCATGG 2
```

```
RESULT 1029
US-10-300-247-52/c
; Sequence 52, Application US/10300247
; Publication No. US20030091599A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Schorr, Joachim
; APPLICANT: Kriegl, Arthur M.
; TITLE OF INVENTION: Use of Nucleic Acids Containing
; TITLE OF INVENTION: Unmethylated CpG dinucleotide as an Adjuvant
; FILE REFERENCE: C1039/7058/HCL
; CURRENT APPLICATION NUMBER: US/10/300,247
; CURRENT FILING DATE: 2002-11-20
; PRIOR APPLICATION NUMBER: US 09/325,193
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: US 09/154,614
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/04703
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 60/040,376
; PRIOR FILING DATE: 1997-03-10
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-300-247-52
```

```
Query Match      0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTGCATGG 2
```

```
RESULT 1030
US-10-161-229-55/c
; Sequence 55, Application US/10161229
; Publication No. US20030100527A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Immunostimulatory Nucleic Acid Molecules for
; TITLE OF INVENTION: Activating Dendritic Cells
; FILE REFERENCE: C01039/70061
; CURRENT APPLICATION NUMBER: US/10/161,229
; CURRENT FILING DATE: 2002-06-03
```



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; PRIOR APPLICATION NUMBER: US 09/191,170
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-161-229-55

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTTACATGG 1541
DB 22 GGGGAAACAGTTCTTCCATGG 2

RESULT 1031
US-10-187-264A-61/c
; Sequence 61, Application US/10187264A
; Publication No. US20030162734A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Kliman, Dennis
; TITLE OF INVENTION: Methods for Treating and Preventing
; TITLE OF INVENTION: Infectious Disease
; FILE REFERENCE: C01039.70062.US
; CURRENT APPLICATION NUMBER: US/10/187,264A
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/630,319
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-187-264A-61

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTTACATGG 1541
DB 22 GGGGAAACAGTTCTTCCATGG 2

RESULT 1032
US-10-265-072-40/c

; Sequence 40, Application US/10265072
; Publication No. US20030166001A1
; GENERAL INFORMATION:
; APPLICANT: Lipford, Grayson
; TITLE OF INVENTION: TOLL-LIKE RECEPTOR 3 SIGNALING AGONISTS AND ANTAGONISTS
; FILE REFERENCE: C01041.70031.US
; CURRENT APPLICATION NUMBER: US/10/265,072
; CURRENT FILING DATE: 2002-10-05
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-265-072-40

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTTACATGG 1541
DB 22 GGGGAAACAGTTCTTCCATGG 2

RESULT 1033
US-10-300-892-48
; Sequence 48, Application US/10300892
; Publication No. US20030175970A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Brasch, Michael A.
; APPLICANT: Temple, Gary F.
; APPLICANT: Fox, Donna K.
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having
; TITLE OF INVENTION: Recombination Sites
; FILE REFERENCE: 0942.2850004
; CURRENT APPLICATION NUMBER: US/10/300,892
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US/09/907,719
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: US/09/177,387
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-300-892-48

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129
DB 1 AATTCATCGTTTGACAGCTT 21

RESULT 1034
US-10-306-522-61/c
; Sequence 61, Application US/10306522
; Publication No. US20030191079A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Kliman, Dennis
; APPLICANT: Steinberg, Alfred D.
```

```
; TITLE OF INVENTION: Methods for Treating and Preventing
; FILE REFERENCE: C01039.70062.US
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: US 09/630,319
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-306-522-61

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTCATGG 2

RESULT 1035
US-10-309-775A-25
; Sequence 25, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-25

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4468 TTTTTCATTTTGTCTT 4488
Db      1 TTTTTCATTTTGTCTT 21

RESULT 1036
US-10-719-493-61/C
; Sequence 61, Application US/10719493
; Publication No. US20040087538A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; TITLE OF INVENTION: Methods of Treating Cancer Using
; TITLE OF INVENTION: Immunostimulatory Oligonucleotides
```

```
; FILE REFERENCE: C1039/7021/HCL
; CURRENT APPLICATION NUMBER: US/10/719,493
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-719-493-61

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTCATGG 2

RESULT 1037
US-10-627-331-61/C
; Sequence 61, Application US/10627331
; Publication No. US20040106568A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Steinberg, Alfred D.
; TITLE OF INVENTION: Methods for Treating and Preventing
; TITLE OF INVENTION: Infectious Disease
; FILE REFERENCE: C01039.70062.US
; CURRENT APPLICATION NUMBER: US/10/627,331
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US 09/630,319
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 08/960,774
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: US 08/738,652
; PRIOR FILING DATE: 1996-10-30
; PRIOR APPLICATION NUMBER: US 08/386,063
; PRIOR FILING DATE: 1995-02-07
; PRIOR APPLICATION NUMBER: US 08/276,358
; PRIOR FILING DATE: 1994-07-15
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-627-331-61

Query Match          0.2%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1521 GGGGAACAGTTCTACATGG 1541
Db      22 GGGGAACAGTTCTCATGG 2

RESULT 1038
```

US-10-666-733-52/c  
; Sequence 52, Application US/10666733  
; Publication No. US20040131628A1  
; GENERAL INFORMATION:  
; APPLICANT: Bretzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; TITLE OF INVENTION: Nucleic Acids for the Treatment of  
; FILE REFERENCE: C1037.70018US00  
; CURRENT APPLICATION NUMBER: US/10/666,733  
; PRIOR FILING DATE: 2003-09-19  
; PRIOR APPLICATION NUMBER: not yet assigned  
; PRIOR FILING DATE: 2003-09-19  
; PRIOR APPLICATION NUMBER: US 09/801,839  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: US 60/187,834  
; PRIOR FILING DATE: 2000-03-08  
; NUMBER OF SEQ ID NOS: 135  
; SOFTWARE: FASTSEQ for Windows Version 3.0  
; SEQ ID NO 52  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-666-733-52

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGGGAAACAGTTCTACATGG 1541  
DB 22 GGGGAAACAGTTCTGCATGG 2

RESULT 1039  
US-10-815-730-48  
; Sequence 48, Application US/10815730  
; Publication No. US20040171156A1  
; GENERAL INFORMATION:  
; APPLICANT: Hartley, James L.  
; APPLICANT: Brasch, Michael A.  
; APPLICANT: Temple, Gary F.  
; APPLICANT: Fox, Donna K.  
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having  
; FILE REFERENCE: 0942.2850004  
; CURRENT FILING DATE: 2004-04-02  
; PRIOR APPLICATION NUMBER: US/09/177,387A  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: US 60/065,930  
; PRIOR FILING DATE: 1997-10-24  
; NUMBER OF SEQ ID NOS: 60  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 48  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-815-730-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129  
DB 1 AATTCATGTTTGACAGCTT 21

RESULT 1040  
US-10-820-133-48  
; Sequence 48, Application US/10820133  
; Publication No. US20040171157A1  
; GENERAL INFORMATION:  
; APPLICANT: Hartley, James L.  
; APPLICANT: Brasch, Michael A.  
; APPLICANT: Temple, Gary F.  
; APPLICANT: Fox, Donna K.  
; TITLE OF INVENTION: Recombinational Cloning Using Nucleic Acids Having  
; FILE REFERENCE: 0942.2850004  
; CURRENT APPLICATION NUMBER: US/10/820,133  
; CURRENT FILING DATE: 2004-04-08  
; PRIOR APPLICATION NUMBER: US/09/177,387A  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: US 60/065,930  
; PRIOR FILING DATE: 1997-10-24  
; NUMBER OF SEQ ID NOS: 60  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 48  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-10-820-133-48

Query Match 0.2%; Score 16.2; DB 1; Length 24;  
Best Local Similarity 85.7%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCTT 3129  
DB 1 AATTCATGTTTGACAGCTT 21

RESULT 1041  
US-09-971-353-24  
; Sequence 24, Application US/09971353  
; Publication No. US20030113723A1  
; GENERAL INFORMATION:  
; APPLICANT: Bapat, Bharati  
; APPLICANT: Rose, Melanie Anne  
; TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLE  
; FILE REFERENCE: 11757.54USU1  
; CURRENT FILING DATE: 2001-10-04  
; PRIOR APPLICATION NUMBER: US 60/237,884  
; PRIOR FILING DATE: 2000-10-04  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24  
; LENGTH: 31  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-971-353-24

Query Match 0.2%; Score 16.2; DB 1; Length 31;  
Best Local Similarity 72.4%; Pred. No. 1.4e+03; 8; Indels 0; Gaps 0;  
Matches 21; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4009 TCTAAATGAGAAAAAGAGAAACAA 4037  
DB 3 TTTAAAAAAGAAAAAAGAAAAA 31

RESULT 1042  
US-09-984-429-652  
; Sequence 652, Application US/09984429  
; Publication No. US20040010132A1

```

; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OR INVENTION: 53 Human Secreted Proteins
; FILE REFERENCE: P2018P2
; CURRENT APPLICATION NUMBER: US/09/984,429
; CURRENT FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: 60/244,591
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 09/288,143
; PRIOR FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: PCT/US98/21142
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/061,463
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,529
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/071,498
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,527
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,536
; PRIOR FILING DATE: 1997-10-09
; PRIOR APPLICATION NUMBER: 60/061,532
; PRIOR FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 727
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 652
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-984-429-652
```

```

Query Match          0.2%; Score 16.2; DB 1; Length 39;
Best Local Similarity 72.4%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
```

```

Qy      4008 GCTTAATGAGAAAAAGAGAAACA 4036
          ||||| ||||| ||||| |||||
Db      7  GTCTCAACAAAAAATAAAAAAAAAA 35
```

```

RESULT 1043
US-09-739-928-2
; Sequence 2, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kulyavin, Igor V.
;              Lukhtanov, Eugeny A.
;              Gamper, Howard B.
;              Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;              Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
```

```

; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; TELEPHONE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2
```

```

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4479
          ||||| ||||| ||||| |||||
Db      1  TTTT TTTT TTTT TTTT 16
```

```

RESULT 1044
US-09-152-059-70
; Sequence 70, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENGBU, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-70
```

```

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      4464 TTTT TTTT TTTT TTTT 4479
          ||||| ||||| ||||| |||||
Db      1  TTTT TTTT TTTT TTTT 16
```

RESULT 1045  
US-09-263-959-449/c  
Sequence 449, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 449:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-449

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5781 TGCCGCTGCTGCC 5796  
Db 16 TGCCGCTGCTGCC 1

RESULT 1046  
US-09-805-296D-9  
Sequence 9, Application US/09805296D  
Patent No. US20020155989A1  
GENERAL INFORMATION:  
APPLICANT: Active Motif  
APPLICANT: Efimov, Vladimir  
APPLICANT: Fernandez, Joseph  
APPLICANT: Archdeacon, John  
APPLICANT: Archdeacon, John  
APPLICANT: Chakmakchaneu, Oksana  
APPLICANT: Buryakova, Alla  
APPLICANT: Choob, Mikhail  
APPLICANT: Hondorp, Kyle  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF US  
FILE REFERENCE: AM102.P.1US  
CURRENT APPLICATION NUMBER: US/09/805,296D  
PRIOR FILING DATE: 2001-03-13  
PRIOR APPLICATION NUMBER: US 60/189,190  
PRIOR FILING DATE: 2000-03-14  
PRIOR APPLICATION NUMBER: US 60/250,334  
PRIOR FILING DATE: 2000-11-30

NUMBER OF SEQ ID NOS: 18  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 9  
LENGTH: 16,  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
NAME/KEY: misc feature  
OTHER INFORMATION: Synthetic Construct  
US-09-805-296D-9

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTTTTTTTTTTTT 4479  
Db 1 TTTTTTTTTTTTTT 16

RESULT 1047  
US-09-843-676-131/c  
Sequence 131, Application US/09843676  
Patent No. US20020164786A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: No. US20020164786A1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/843,676  
FILING DATE: 26-Apr-2001  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-09-843-676-131

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479  
DB 16 TTTT TTTT TTTT TTTT TTTT 1

## RESULT 1048

US-09-766-253-131/C  
; Sequence 131, Application US/09766253  
; Publication No. US20020187471A1  
; GENERAL INFORMATION:  
; APPLICANT: Cecch, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20020187471A1 Telomerase  
; NUMBER OF SEQUENCES: 171  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/766,253  
; FILING DATE: 19-Jan-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/846,017  
; FILING DATE: 1997-04-25  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002920US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-09-766-253-131

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479  
DB 16 TTTT TTTT TTTT TTTT TTTT 1

## RESULT 1049

US-09-438-486-131/C  
; Sequence 131, Application US/09438486  
; Publication No. US20030009019A1  
; GENERAL INFORMATION:  
; APPLICANT: Cecch, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin  
; Andrews, William H.  
; TITLE OF INVENTION: No. US20030009019A1 Telomerase  
; NUMBER OF SEQUENCES: 223  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/438,486  
; FILING DATE: 12-NOV-1999  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002931US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 131:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-438-486-131

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479  
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1050  
US-09-895-585-9  
; Sequence 9, Application US/09895585  
; Publication No. US20020081725A1

```
GENERAL INFORMATION:
APPLICANT: Tsang, Wen-Ghin
APPLICANT: Zheng, Tianli
APPLICANT: Huang, Chang Jiang
APPLICANT: AmCytex, Inc.
TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
TITLE OF INVENTION: Intermediate Stage of Development
FILE REFERENCE: 021164-000100US
CURRENT APPLICATION NUMBER: US/09/895,585
PRIORITY FILING DATE: 2002-12-10
PRIORITY APPLICATION NUMBER: US 60/215,634
PRIORITY FILING DATE: 2000-06-30
PRIORITY APPLICATION NUMBER: US 60/246,306
PRIORITY FILING DATE: 2000-11-06
PRIORITY APPLICATION NUMBER: US 60/291,787
PRIORITY FILING DATE: 2001-05-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
US-09-895-585-9

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1051
US-10-208-357-22/c
Sequence 22, Application US/10208357
Publication No. US20020182687A1
GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
PRIORITY FILING DATE: 2002-07-30
PRIORITY APPLICATION NUMBER: US/09/619,103
PRIORITY FILING DATE: 2000-07-19
PRIORITY APPLICATION NUMBER: 60/145,834
PRIORITY FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-22

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1052
US-10-053-758-131/c
Sequence 131, Application US/10053758
```

```
Publication No. US20030032075A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-053-758-131

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
DB 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1053
US-10-054-295-131/c
Sequence 131, Application US/10054295
Publication No. US20030044953A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
```

```

;
; Harley, Calvin
; Andrew, William H.
; TITLE OF INVENTION: No. US2003004953A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,295
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
;
; INFORMATION FOR SEQ ID NO: 131:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-295-131

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
Db 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1054
US-10-054-611-131/c
; Sequence 131, Application US/10054611
; Publication No. US20030059787A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lininger, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20030059787A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California

```

```

;
; COUNTRY: United States of America
; ZIP: 94111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,611
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0300
; TELEFAX: (415) 576-0200
;
; INFORMATION FOR SEQ ID NO: 131:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-611-131

Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479
Db 16 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1055
US-10-072-975-9
; Sequence 9, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakchrau, Oksana
; APPLICANT: Burjakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U-
; FILE REFERENCE: AM102.P.1.US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/0811
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin version 3.1

```



```
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Construct
US-10-072-975-9
```

```
Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1056
US-10-227-001-21
Sequence 21, Application US/10227001
Publication No. US2003013765A1
GENERAL INFORMATION:
APPLICANT: Dempsey, Robert O.
APPLICANT: Afonina, Irina Aleksandrovna
APPLICANT: Vermeulen, Nicolaas M.J.
APPLICANT: Epoch Biosciences, Inc.
TITLE OF INVENTION: Hybridization-Triggered Fluorescent
FILE REFERENCE: 17682A-004210US
CURRENT APPLICATION NUMBER: US/10/227,001
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: US 09/428,236
PRIOR FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: R2 (ODN) of Fluorophore-MGB-ODN
US-10-227-001-21
```

```
Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1057
US-10-008-029-70
Sequence 70, Application US/10008029
Publication No. US20030134808A1
GENERAL INFORMATION:
APPLICANT: WENGEL, JESPER
APPLICANT: NIELSEN, POUL
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165-C2(71994)
CURRENT APPLICATION NUMBER: US/10/008,029
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: 09/152,059
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
```

```
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
NUMBER OF SEQ ID NOS: 146
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-008-029-70
```

```
Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1058
US-10-051-436-9
Sequence 9, Application US/10051436
Publication No. US20030138045A1
GENERAL INFORMATION:
APPLICANT: Active Motif
APPLICANT: Efimov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakmakchheau, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Hondorp, Kyle
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/10/051,436
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Construct
US-10-051-436-9
```

```
Query Match 0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 4464 TTTT TTTT TTTT TTTT 4479
DB 1 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1059
US-10-208-650-70
```

```
; Sequence 70, Application US/10208650
; Publication No. US20030144231A1
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POU
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-70

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTT 4479
Db      1 TTTTTTTTTTTTTT 16

RESULT 1060
US-10-203-780-9
; Sequence 9, Application US/10203780
; Publication No. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC
; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOUT, JEAN-LUC
; APPLICANT: DUBREY, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR
; FILE REFERENCE: 226286US0X0PCT
; CURRENT APPLICATION NUMBER: US/10/203,780
; CURRENT FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: FR 00 02236
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
```

```
; OTHER INFORMATION: SYNTHETIC DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)..(1)
; OTHER INFORMATION: t is modified with a covalent linkage to flavin
US-10-203-780-9

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTT 4479
Db      1 TTTTTTTTTTTTTT 16

RESULT 1061
US-10-360-275-9
; Sequence 9, Application US/10360275
; Publication No. US20040014644A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Choob, Mikhail
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
; FILE REFERENCE: AM102.P.1.1.10S
; CURRENT APPLICATION NUMBER: US/10/360,275
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 10/072,975
; PRIOR FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc.feature
; OTHER INFORMATION: Synthetic Construct
US-10-360-275-9

Query Match          0.2%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTT 4479
Db      1 TTTTTTTTTTTTTT 16

RESULT 1062
US-10-776-099-9
; Sequence 9, Application US/10776099
; Publication No. US20040141957A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chian Jang
; APPLICANT: AmCyt, Inc
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; FILE REFERENCE: 021164-000100S
; CURRENT APPLICATION NUMBER: US/10/776,099
```

;; CURRENT FILING DATE: 2004-02-10  
;; PRIOR APPLICATION NUMBER: US/09/895,585  
;; PRIOR FILING DATE: 2002-12-10  
;; PRIOR APPLICATION NUMBER: US 60/215,634  
;; PRIOR FILING DATE: 2000-06-30  
;; PRIOR APPLICATION NUMBER: US 60/246,306  
;; PRIOR FILING DATE: 2000-11-06  
;; PRIOR APPLICATION NUMBER: US 60/291,787  
;; PRIOR FILING DATE: 2001-05-17  
;; NUMBER OF SEQ ID NOS: 9  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO: 9  
;; LENGTH: 16  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT) -16  
US-10-776-099-9

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479  
|||||  
DB 1 TTTT TTTT TTTT TTTT 16

RESULT 1063  
US-10-398-483-10/C  
; Sequence 10, Application US/10398483  
; Publication No. US20040166499A1  
; GENERAL INFORMATION:  
; APPLICANT: Hayaishiaki, Yoshihide  
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion at  
; FILE REFERENCE: 2870-0247P  
; CURRENT APPLICATION NUMBER: US/10/398,483  
; CURRENT FILING DATE: 2003-04-04  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 10  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library  
US-10-398-483-10

Query Match 0.2%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4479  
|||||  
DB 16 TTTT TTTT TTTT TTTT 1

RESULT 1064  
US-09-788-362-3  
; Sequence 3, Application US/09788362  
; Patent No. US20020009731A1  
; GENERAL INFORMATION:  
; APPLICANT: Muramatsu, Takamichi  
; APPLICANT: Fujita, Takeshi  
; APPLICANT: Kiyama, Masaharu  
; APPLICANT: Irie, Takashi  
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE  
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED  
; FILE REFERENCE: NIT-129-03  
; CURRENT APPLICATION NUMBER: US/09/788,362  
; CURRENT FILING DATE: 2001-02-21

;; PRIOR APPLICATION NUMBER: 09/313,637  
;; PRIOR FILING DATE: 1999-05-18  
;; PRIOR APPLICATION NUMBER: JP 10-153651  
;; PRIOR FILING DATE: 1998-05-20  
;; NUMBER OF SEQ ID NOS: 4  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO: 3  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
US-09-788-362-3

Query Match 0.2%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT 4484  
|||||  
DB 2 TTTT TTTT TTTT TTTT 17

RESULT 1065  
US-09-090-672B-106  
; Sequence 106, Application US/09090672B  
; Patent No. US20020068707A1  
; GENERAL INFORMATION:  
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,  
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,  
; APPLICANT: Shigemasa, Takeji; Masami  
; TITLE OF INVENTION: JSA Nephropathy-Related Genes  
; NUMBER OF SEQUENCES: 111  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Fitzpatrick, Cella, Harper & Scinto  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; ZIP: 10112-3801  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: Compaq PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Wordperfect 8.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/090,672B  
; FILING DATE: 04-JUNE-1998  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP97/04468  
; FILING DATE: 05-DEC-1997  
; APPLICATION NUMBER: JP-8-325763  
; FILING DATE: 05-DEC-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Perry, Lawrence S.  
; REGISTRATION NUMBER: 31865  
; REFERENCE/DOCKET NUMBER: 766.21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 218-2100  
; TELEFAX: (212) 218-2200  
; INFORMATION FOR SEQ ID NO: 106:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid, synthetic DNA  
US-09-090-672B-106

Query Match 0.2%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484  
|||||  
Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1066  
US-09-788-338-3  
; Sequence 3, Application US/09788338  
; Patent No. US20020102561A1  
; GENERAL INFORMATION:  
; APPLICANT: MURAMATSU, TAKAMICHI  
; APPLICANT: FUJITA, TAKESHI  
; APPLICANT: KIYAMA, MASARU  
; APPLICANT: IRIE, TAKASHI  
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE  
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED  
; FILE REFERENCE: NIT-129-02  
; CURRENT FILING DATE: 2001-02-21  
; PRIOR APPLICATION NUMBER: US/09/788,338  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: JP 10-153651  
; PRIOR FILING DATE: 1998-05-20  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-788-338-3

Query Match 0.2%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484  
|||||  
Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1067  
US-09-730-559B-108  
; Sequence 108, Application US/09730559B  
; Publication No. US20030207828A1  
; GENERAL INFORMATION:  
; APPLICANT: ISHIMATA, TETSUYOSHI  
; APPLICANT: SAKURADA, MIKIKO  
; APPLICANT: KANABATA, AYAKO  
; APPLICANT: NAKAGAMA, SATOSHI  
; APPLICANT: NISHI, TATSUNARI  
; APPLICANT: KUGA, TETSURO  
; APPLICANT: SAWADA, SHIGEMASA  
; APPLICANT: TAKEI, MASAMI  
; APPLICANT: SHIBATA, KENJI  
; APPLICANT: FURUYA, AKIKO  
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE  
; FILE REFERENCE: 766.21 CIP  
; CURRENT APPLICATION NUMBER: US/09/730,559B  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 108  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-730-559B-108

Query Match 0.2%; Score 16; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484  
|||||  
Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1068  
US-10-380-254-5  
; Sequence 5, Application US/10380254  
; Publication No. US20040038252A1  
; GENERAL INFORMATION:  
; APPLICANT: Sugita et al.  
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES  
; FILE REFERENCE: 6235-64773  
; CURRENT APPLICATION NUMBER: US/10/380,254  
; CURRENT FILING DATE: 2003-03-11  
; PRIOR APPLICATION NUMBER: PCT/JP01/08246  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: JP 2000-291318  
; PRIOR FILING DATE: 2000-09-25  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: an artificially  
; OTHER INFORMATION: synthesized primer sequence  
US-10-380-254-5

Query Match 0.2%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4469 TTTT TTTT TTTT TTTT TTTT G 4484  
|||||  
Db 2 TTTT TTTT TTTT TTTT G 17

RESULT 1069  
US-10-398-885A-4  
; Sequence 4, Application US/1039885A  
; Publication No. US20040053282A1  
; GENERAL INFORMATION:  
; APPLICANT: Sugita, Yuji  
; APPLICANT: Hashida, Ryoichi  
; APPLICANT: Ogawa, Kaoru  
; APPLICANT: Nagasu, Takeshi  
; APPLICANT: Odayashi, Masaya  
; APPLICANT: Saito, Hirotsa  
; APPLICANT: Takahashi, Eiki  
; TITLE OF INVENTION: Method of Testing For Allergic Diseases  
; FILE REFERENCE: SHIMIZU-07907  
; CURRENT APPLICATION NUMBER: US/10/398,885A  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: PCT/JP01/08937  
; PRIOR FILING DATE: 2001-10-11  
; PRIOR APPLICATION NUMBER: JP 2000-314093  
; PRIOR FILING DATE: 2000-10-13  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-398-885A-4

Query Match 0.2%; Score 16; DB 1; Length 17;



```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-24

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4479
          ||||| ||||| ||||| ||||| |||||
Db       1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1074
US-10-220-373-9
; Sequence 9, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: MAGASU, Takeshi
; APPLICANT: OSHIDA, Tadafiro
; APPLICANT: OSAVASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SHZ-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-220-373-9

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTT 4484
          ||||| ||||| ||||| ||||| |||||
Db       2 TTTT TTTT TTTT TTTT TTTT 17

RESULT 1075
US-10-352-255A-24
; Sequence 24, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats
; APPLICANT: LINNARSSON, Sten
; APPLICANT: ERNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-24

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4479
          ||||| ||||| ||||| ||||| |||||
Db       1 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1076
US-10-380-255-8
; Sequence 8, Application US/10380255
; Publication No. US20040023263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380,255
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/jp01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-255-8

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTT TTTT TTTT TTTT TTTT 4484
          ||||| ||||| ||||| ||||| |||||
Db       2 TTTT TTTT TTTT TTTT TTTT 17

RESULT 1077
US-10-138-674-1072
; Sequence 1072, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1072

Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 12.5%; Pred. No. 7e+02;
Matches 2; Conservative 14; Mismatches 0; Indels 0; Gaps 0;
```



```
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art. Krieg
; APPLICANT: Joerg, Volmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 55
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-55
```

```
Query Match          0.2%; Score 16; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy          4463 CTTTTTTTTTTTTTTT 4478
Db          2 CTTTTTTTTTTTTTTT 17
```

```
RESULT 1083
US-09-994-311-7
; Sequence 7, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-7
```

```
Query Match          0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy          4464 TTTTTTTTTTTTTTTT 4479
Db          1 TTTTTTTTTTTTTTTT 16
```

```
RESULT 1084
US-10-349-143-4670/C
; Sequence 4670, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
```

```
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4670
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-16929 for SEQ 736,
US-10-349-143-4670
```

```
Query Match          0.2%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy          4153 TTTGTTCTCTGACCTG 4168
Db          16 TTTGTTCTCTGACCTG 1
```

```
RESULT 1085
US-10-352-179-50/C
; Sequence 50, Application US/10352179
; Publication No. US20040006788A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Guo-liang
; APPLICANT: Liu, Guifu
; TITLE OF INVENTION: Procedures and Materials for Conferring Disease Resistance in Pla
; FILE REFERENCE: 22727/04108
; CURRENT APPLICATION NUMBER: US/10/352,179
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/352,106
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 50
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Oryza minuta
US-10-352-179-50
```

```
Query Match          0.2%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy          6082 TTTTCTTTTACTG 6097
Db          17 TTTTCTTTTACTG 2
```

```
RESULT 1086
US-10-275-080A-5
; Sequence 5, Application US/10275080A
; Publication No. US20040053214A1
; GENERAL INFORMATION:
; APPLICANT: Schroder, Klaus Hobe
; APPLICANT: Schudler, Andrea
; APPLICANT: Koike, Katsuro
; TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
; FILE REFERENCE: 012627-033
; CURRENT APPLICATION NUMBER: US/10/275,080A
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: PCT/EP01/04918
; PRIOR FILING DATE: 2001-05-02
```



PRIOR APPLICATION NUMBER: EP 00 109 436.6  
PRIOR FILING DATE: 2000-05-03  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-275-080A-5

Query Match 0.2%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4469 TTTT TTTT TTTT TTTT G 4484  
Db 1 TTTT TTTT TTTT TTTT G 16

RESULT 1087  
US-10-275-080A-6  
Sequence 6, Application US/10275080A  
Publication No. US20040053214A1  
GENERAL INFORMATION:  
APPLICANT: Schroeder, Klaus Hobe  
APPLICANT: Schubler, Andrea  
APPLICANT: Kolke, Karlsruhe  
TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages  
FILE REFERENCE: 012627-03  
CURRENT APPLICATION NUMBER: US/10/275, 080A  
PRIOR FILING DATE: 2002-11-01  
PRIOR APPLICATION NUMBER: PCT/EP01/04918  
PRIOR FILING DATE: 2001-05-02  
PRIOR APPLICATION NUMBER: EP 00 109 436.6  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 6  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-275-080A-6

Query Match 0.2%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4469 TTTT TTTT TTTT TTTT G 4484  
Db 1 TTTT TTTT TTTT TTTT G 16

RESULT 1088  
US-10-289-762-4311  
Sequence 4311, Application US/10289762  
Publication No. US20040006218A1  
GENERAL INFORMATION:  
APPLICANT: Griffler, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/10/289, 762  
PRIOR FILING DATE: 2003-03-27  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4311  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae

US-10-289-762-4311

Query Match 0.2%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4079 TTGGAATCCTTCCCA 4094  
Db 2 TTGGAATCCTTCCCA 17

RESULT 1089  
US-10-688-706-2086  
Sequence 2086, Application US/10688706  
Publication No. US20040102412A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Broesch, Kay  
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
FILE REFERENCE: 01393/1  
CURRENT APPLICATION NUMBER: US/10/688, 706  
PRIOR FILING DATE: 2003-10-17  
PRIOR APPLICATION NUMBER: 60/419,268  
PRIOR FILING DATE: 2002-10-17  
NUMBER OF SEQ ID NOS: 3071  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 2086  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: human GFAT antisense  
US-10-688-706-2086

Query Match 0.2%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6976 TAAACCAACAGAA 6991  
Db 3 TAAACCAACAGAA 18

RESULT 1090  
US-10-688-706-2110  
Sequence 2110, Application US/10688706  
Publication No. US20040102412A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Broesch, Kay  
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
FILE REFERENCE: 01393/1  
CURRENT APPLICATION NUMBER: US/10/688, 706  
PRIOR FILING DATE: 2003-10-17  
PRIOR APPLICATION NUMBER: 60/419,268  
PRIOR FILING DATE: 2002-10-17  
NUMBER OF SEQ ID NOS: 3071  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 2110  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: human GFAT antisense  
US-10-688-706-2110

Query Match 0.2%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6976 TAAACCAACAGAA 6991  
Db 4 TAAACCAACAGAA 19

```
RESULT 1091
US-10-688-706-2269
; Sequence 2269, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GPAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2269
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GPAT antisense
US-10-688-706-2269

Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      6976 TAAAAACAAACAGAA 6991
      |||||
Db      2 TAAAAACAAACAGAA 17
```

```
RESULT 1092
US-10-688-706-2467
; Sequence 2467, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GPAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2467
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GPAT antisense
US-10-688-706-2467
```

```
Query Match          0.2%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      6976 TAAAAACAAACAGAA 6991
      |||||
Db      1 TAAAAACAAACAGAA 16
```

```
RESULT 1093
US-10-332-406A-9
; Sequence 9, Application US/10332406A
; Publication No. US20040103453A1
; GENERAL INFORMATION:
; APPLICANT: Robert Dudley
; APPLICANT: Ulrich schafferrach
```

```
; APPLICANT: Kay Ann Lawton
; TITLE OF INVENTION: Lipoxigenase Genes, Promoters, Transit Peptides and Proteins Ther
; FILE REFERENCE: 31484USPT
; CURRENT APPLICATION NUMBER: US/10/332,406A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: GB 0017275.9
; PRIOR FILING DATE: 2000-07-13
; PRIOR APPLICATION NUMBER: GB 0022739.7
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-332-406A-9
```

```
Query Match          0.2%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4463 CTTTTTTTTTTTTTTT 4478
      |||||
Db      5 CTTTTTTTTTTTTTTT 20
```

```
RESULT 1094
US-09-784-423-92/c
; Sequence 92, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffrey W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026,9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 92
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 92
```

US-09-784-423-92

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5712 TCCTCTCTCTCTCTTGCCTGCTT 5735

Db 24 TCCTCTCTCTCTCTCTCTCTCTT 1

RESULT 1095

US-09-828-034-12/c  
Sequence 12, Application US/09828034  
Patent No. US20020064771A1  
GENERAL INFORMATION:  
APPLICANT: Zhong, Weidong  
APPLICANT: Hong, Zhi  
TITLE OF INVENTION: HCV REPLICASE COMPLEXES  
FILE REFERENCE: IN01165  
CURRENT APPLICATION NUMBER: US/09/828,034  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: U.S. 60/195,852  
PRIOR FILING DATE: 2000-04-06  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 12  
LENGTH: 24  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA  
US-09-828-034-12

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 72 GGGCGGCGCGCGCGCGCGCGC 95

Db 24 GGGCGGCGCGCGCGCGCGCGCGC 1

RESULT 1096

US-09-999-672-6  
Sequence 6, Application US/09999672  
Patent No. US20020127655A1  
GENERAL INFORMATION:  
APPLICANT: Eric H. Holmes et al.  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE  
TITLE OF INVENTION: GMI-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USBS  
TITLE OF INVENTION: THEROP  
FILE REFERENCE: 8511-029  
CURRENT APPLICATION NUMBER: US/09/999,672  
CURRENT FILING DATE: 2001-10-31  
PRIOR APPLICATION NUMBER: US/09/298,886  
PRIOR FILING DATE: 1999-04-26  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-999-672-6

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 643 GCCCTGTCAGCGCGCCAGATCCCT 666

Db 1 GCCATGCGCAGCGCCCAAGTTCCT 24

RESULT 1097

US-09-981-151A-104/c  
Sequence 104, Application US/09981151A  
Publication No. US20030212256A1  
GENERAL INFORMATION:  
APPLICANT: Edinger, Shlomit R  
APPLICANT: Gerlach, Valerie  
APPLICANT: MacDougall, John R  
APPLICANT: Malyankar, Muriel M  
APPLICANT: Smithson, Glenda  
APPLICANT: Mallet, Isabelle  
APPLICANT: Peyman, John A  
APPLICANT: Stone, David J  
APPLICANT: Gunther, Erik  
APPLICANT: Killerman, Karen  
APPLICANT: Shimkets, Richard A  
APPLICANT: Padigaru, Muraidhara  
APPLICANT: Guo, Xiaojia  
APPLICANT: Patuturajan, Meera  
APPLICANT: Taupier Jr, Raymond J  
APPLICANT: Burgess, Catherine E  
APPLICANT: Zernusen, Bryan D  
APPLICANT: Kekuda, Ramesh  
APPLICANT: Spytek, Kimberly A  
APPLICANT: Gangolli, Esha A  
APPLICANT: Fernandes, Eima R  
APPLICANT: Gorman, Linda  
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
FILE REFERENCE: 21402-168  
CURRENT APPLICATION NUMBER: US/09/981,151A  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 60/241,040  
PRIOR FILING DATE: 2000-10-17  
PRIOR APPLICATION NUMBER: 60/241,058  
PRIOR FILING DATE: 2000-10-17  
PRIOR APPLICATION NUMBER: 60/241,063  
PRIOR FILING DATE: 2000-10-17  
PRIOR APPLICATION NUMBER: 60/241,243  
PRIOR FILING DATE: 2000-10-17  
PRIOR APPLICATION NUMBER: 60/242,152  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/242,482  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/242,611  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/242,612  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/242,880  
PRIOR FILING DATE: 2000-10-24  
PRIOR APPLICATION NUMBER: 60/242,881  
PRIOR FILING DATE: 2000-10-24  
Remaining Prior Application data removed - See File Wrapper or PAM.  
NUMBER OF SEQ ID NOS: 160  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 104  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: NOV9 Primer 1  
US-09-981-151A-104

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1879 CAGACTGTGTCAACTCTGCTC 1902

Db 24 CAGAGTGTGTCCGACTCTCACTC 1

```
RESULT 1098
US-10-040-863-6
; Sequence 6, Application US/10040863
; Publication No. US20020137165A1
; GENERAL INFORMATION:
; APPLICANT: Eric H. Holmes et al
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS OF A RAT GANGLIOSIDE
; TITLE OF INVENTION: GM1-SPECIFIC ALPHA1-2 FUCOSYLTRANSFERASE AND USES
; FILE REFERENCE: 8511-029
; CURRENT APPLICATION NUMBER: US/10/040,863
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 09/298,886
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-040-863-6

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      643  GCCCTGCTCAGCGCCGATCCCT 666
DB      1  GCCATGCCAGCGCCCGCTTCT 24

RESULT 1099
US-10-085-906-382
; Sequence 382, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 382
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-382

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4464  TTTTCTTTTCTTTTCTTCT 4487
DB      1  TTTTCTTTTCTTTTCTTCT 24

RESULT 1100
US-10-205-522-82/c
```

```
; Sequence 82, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 24
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-82

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4456  GCATGACCTTTTCTTTTCTTTT 4479
DB      24  GAAAGATTCTTTCTTTCTTT 1

RESULT 1101
US-10-057-834A-41/c
; Sequence 41, Application US/10057834A
; Publication No. US2003009960A1
; GENERAL INFORMATION:
; APPLICANT: RATAIN, MARK J.
; APPLICANT: INNOCENTI, FEDERICO
; APPLICANT: DAS, SONA
; APPLICANT: IYER, LALITHA
; APPLICANT: SAWYER, MICHAEL
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS
; TITLE OF INVENTION: PREDICTING UGT2B7 SUBSTRATE TOXICITY
; FILE REFERENCE: ARCD:358US
; CURRENT APPLICATION NUMBER: US/10/057,834A
; PRIOR FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-057-834A-41

Query Match          0.2%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 1.le+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4456  GCATGACCTTTTCTTTTCTTTT 4479
DB      24  GAAAGATTCTTTCTTTCTTTT 1

RESULT 1102
US-10-084-839-3553/c
; Sequence 3553, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Alawi, Hatim
```

APPLICANT: Argue, Brad T.  
APPLICANT: Bartholomay, Christian T.  
APPLICANT: Chehak, LuAnne  
APPLICANT: Curtis, Michelle L.  
APPLICANT: Biss, Peggy S.  
APPLICANT: Hall, Jeff G.  
APPLICANT: Ip, Hon S.  
APPLICANT: Ji, Lin  
APPLICANT: Kaiser, Michael  
APPLICANT: Kwiatkowski, Jr., Robert W.  
APPLICANT: Lukowicki, Andrew A.  
APPLICANT: Lyamichew, Victor  
APPLICANT: Lymaicheva, Natalie E.  
APPLICANT: Ma, WuPo  
APPLICANT: Neri, Bruce P.  
APPLICANT: Olson, Sarah M.  
APPLICANT: Olson-Munoz, Marilyn C.  
APPLICANT: Schaefer, James J.  
APPLICANT: Skrzypczynski, Zbigniew  
APPLICANT: Takova, Teetaka Y.  
APPLICANT: Thompson, Lisa C.  
APPLICANT: Vegdvik, Kevin L.  
TITLE OF INVENTION: RNA Detection Assays  
FILE REFERENCE: FORS-06666  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3553  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-084-839-3553

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0;

QY 1349 GCCTGATGAGATGCCGCTTCA 1372  
DB 24 GCCTGACGAGATGTGAGCAACA 1

RESULT 1103  
US-10-309-775A-23  
Sequence 23, Application US/10309775A  
Publication No. US20040006032A1  
GENERAL INFORMATION:  
APPLICANT: LOPEZ, Ricardo A.  
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
FILE REFERENCE: 2901/OM327  
CURRENT APPLICATION NUMBER: US/10/309,775A  
CURRENT FILING DATE: 2002-12-04  
PRIOR APPLICATION NUMBER: CA 2,388,049  
PRIOR FILING DATE: 2002-05-30  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 23  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-10-309-775A-23

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0;

QY 4464 TTTTTCATTTGTTTGTCT 4487  
||||| ||||| ||||| |||||

DB 1 TTTTTCATTTGTTTGTCT 24

RESULT 1104  
US-10-309-775A-24  
Sequence 24, Application US/10309775A  
Publication No. US20040006032A1  
GENERAL INFORMATION:  
APPLICANT: LOPEZ, Ricardo A.  
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
FILE REFERENCE: 2901/OM327  
CURRENT APPLICATION NUMBER: US/10/309,775A  
CURRENT FILING DATE: 2002-12-04  
PRIOR APPLICATION NUMBER: CA 2,388,049  
PRIOR FILING DATE: 2002-05-30  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 24  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-10-309-775A-24

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0;

QY 4464 TTTTTCATTTGTTTGTCT 4487  
DB 1 TTTTTCATTTGTTTGTCT 24

RESULT 1105  
US-10-665-460A-30  
Sequence 30, Application US/10665460A  
Publication No. US20040096934A1  
GENERAL INFORMATION:  
APPLICANT: Freysinet, Georges  
APPLICANT: Frutos, Roger  
TITLE OF INVENTION: Pepsin-sensitive modified Bacillus thuringiensis insecticidal  
FILE REFERENCE: A35992-PCT-USA-A (072667.0191)  
CURRENT APPLICATION NUMBER: US/10/665,460A  
CURRENT FILING DATE: 2003-09-19  
PRIOR APPLICATION NUMBER: PCT/FR02/00772  
PRIOR FILING DATE: 2002-03-04  
PRIOR APPLICATION NUMBER: FR 01/03691  
PRIOR FILING DATE: 2001-03-19  
NUMBER OF SEQ ID NOS: 160  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 30  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Artificial sequence description: mutant 18  
US-10-665-460A-30

Query Match 0.2%; Score 16; DB 1; Length 24;  
Best Local Similarity 79.2%; Pred. No. 1.1e+03;  
Matches 19; Conservative 0; Mismatches 5; Indels 0;

QY 4463 CTTTTCATTTGTTTGTCT 4486  
DB 1 CTTTTCATTTGTTTGTCT 24

RESULT 1106  
US-09-883-119A-34  
Sequence 34, Application US/09883119A

```
; Publication No. US20030104520A1
; GENERAL INFORMATION:
; APPLICANT: The University of Texas System Board of Regents
; TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids
; FILE REFERENCE: 119927-1050
; CURRENT APPLICATION NUMBER: US/09/883,119A
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: 60/212,097
; PRIOR FILING DATE: 2000-06-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: substrate
US-09-883-119A-34

Query Match          0.2%; Score 16; DB 1; Length 28;
Best Local Similarity 75.0%; Pred. NO. 1.3e+03;
Matches 18; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY      4018 AGAAAAAGAGAGACAAATG 4041
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAUG 24

RESULT 1107
US-10-447-073-3
; Sequence 3, Application US/1047073
; Publication No. US20040096856A1
; GENERAL INFORMATION:
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Bernal, Yasmitth
; TITLE OF INVENTION: Method for Attachment of silylated Molecules to Glass Surfaces
; FILE REFERENCE: 02-334-A
; CURRENT APPLICATION NUMBER: US/10/447,073
; PRIOR FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: US 60/383,564
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Probe FV (13D)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n = epiendrosterone
US-10-447-073-3

Query Match          0.2%; Score 16; DB 1; Length 32;
Best Local Similarity 79.2%; Pred. NO. 1.5e+03;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAAATGTT 4043
      ||||| ||||| ||||| |||||
Db      2 AAAAAAAAAAAAAAAAAAATT 25

RESULT 1108
US-10-349-143-5276/C
; Sequence 5276, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

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; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5276
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-23123 for SEQ 1342,
US-10-349-143-5276

Query Match          0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. NO. 8.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3851 CTCCTTCTCCTTATCC 3869
      ||||| ||||| ||||| |||||
Db      19 CTCCTTCTCCTTATCC 1

RESULT 1109
US-10-665-951-122
; Sequence 122, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sitma Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 122
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

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;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-122
Query Match      0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.7e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      3649 GGGGAGAAATACCCGAGA 3667
DB      1 GGGGAGAAATCCTCCAGA 19

RESULT 1110
US-10-665-951-549/c
; Sequence 549, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Belgelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MHH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 549
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-549
Query Match      0.2%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3649 GGGGAGAAATACCCGAGA 3667
DB      19 GGGGAGAAATCCTCCAGA 1

RESULT 1111
US-09-969-852-11
; Sequence 11, Application US/09969852
; Patent No. US20020137211A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Tianyan
; APPLICANT: Liu, Huifen
; APPLICANT: Li, Wei
; APPLICANT: Zhao, Libin
; TITLE OF INVENTION: A METHOD FOR ESTABLISHING AN EXPRESSION SYSTEM OF SPIDER DRAGLIN
; FILE REFERENCE: LIU-65
; CURRENT APPLICATION NUMBER: US/09/969,852
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: CN01106406.4
; PRIOR FILING DATE: 2001-01-02
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-969-852-11
Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7415 GCAGCAGCAGCAGCAGCAG 7433
DB      1 GCAGCAGCAGCAGCAGCAG 19

RESULT 1112
US-09-955-410-5/c
; Sequence 5, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Nielsen, Peter Esigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: IS154800
; CURRENT APPLICATION NUMBER: US/09/955,410
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 06/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-5
Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4463 CTTTCTTTCTTTCTTTCTTT 4481
DB      19 CTTTCTTTCTTTCTTTCTTT 1

RESULT 1113
US-09-774-809-14
; Sequence 14, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Dean, Nicholas M.
```

```

; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
;
US-09-774-809-14

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9,4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5876 GCGTACGCTCTTGACTGC 5894
Db       2 GCGTACGCTCTTGATTGC 20

RESULT 1114
US-09-904-968A-108
; Sequence 108, Application US/09904968A
; Publication No. US2003008288A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: GERMING, Gregory
; APPLICANT: WATNICK, Terry
; TITLE OF INVENTION: PHAKDEKITCHAROEN, Bunyong
; FILE REFERENCE: JHU1680-2
; CURRENT APPLICATION NUMBER: US/09/904,968A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/283,691
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/218,261
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer 19R
;
US-09-904-968A-108

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9,4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5275 GGGAGCAGGTGGCAGCTC 5293
Db       1 GTGAGCAGGTGGCAGCTC 19

RESULT 1115
US-09-888-326-410
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 410
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
;
US-09-888-326-410

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9,4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GCGTCGGCGGCGCGCGCG 82
Db       1 GCGCGCGCGCGCGCGCG 19

RESULT 1116
US-09-776-479-243
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Poupon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
;
US-09-776-479-243

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9,4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GCGTCGGCGGCGCGCGCG 82
Db       1 GCGCGCGCGCGCGCGCG 19

RESULT 1117
US-09-776-479-243
; Sequence 243, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Poupon, Yves
```



```

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GGCTGGGGGGGGGGGGGGG 82
DB      1 GGCGGGGGGGGGGGGGG 19

RESULT 1118
US-09-965-101-57
; Sequence 57, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-965-101-57

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      64 GGCTGGGGGGGGGGGGGGG 82
DB      1 GGCGGGGGGGGGGGGGG 19

RESULT 1119
US-10-345-444B-14
; Sequence 14, Application US/1034544B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett

; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODU
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-14

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5876 GGCTAGCTCTGACTG 5894
DB      2 GGCTAGCTCTTGATTG 20

RESULT 1120
US-10-380-126-39/C
; Sequence 39, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-39

Query Match      0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGCA 7432
DB      20 AGCAGCAGCTCCAGCAGCA 2

RESULT 1121
US-10-312-184A-21
; Sequence 21, Application US/10312184A
; Publication No. US20040038236A1
; GENERAL INFORMATION:
; APPLICANT: Biomimics Limited
```

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; APPLICANT: Wallace, Robyn H
; APPLICANT: Mulley, John C
; APPLICANT: Berkovic, Samuel F
; APPLICANT: Hartkin, Louise A
; APPLICANT: Dibbens, Leanne M
; TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
; FILE REFERENCE: 1386/10
; CURRENT APPLICATION NUMBER: US/10/312,184A
; PRIOR FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-312-184A-21

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3841 CCACTTAGCCTCCTTTC 3859
Db      1 CCACTTAGCCTCCTTTC 19

RESULT 1122
US-10-275-080A-7
; Sequence 7, Application US/10275080A
; Publication No. US2004005321A1
; GENERAL INFORMATION:
; APPLICANT: Schroder, Klaus Hobe
; APPLICANT: Schubler, Andrea
; APPLICANT: Koike, Katsuro
; TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
; FILE REFERENCE: 012627-033
; CURRENT APPLICATION NUMBER: US/10/275,080A
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: PCT/EP01/04918
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: EP 00 109 436.6
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-275-080A-7

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4469 TTTTCTTTTCTTCT 4487
Db      1 TTTTCTTTTCTTCT 19

RESULT 1123
US-10-683-386-35/C
; Sequence 35, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGAWA, YOSHIKI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
```

```

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-35

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6681 GTATTTTATTATATAT 6699
Db      19 GTTTTATTATATATAT 1

RESULT 1124
US-10-105-021-3
; Sequence 3, Application US/10105021
; Publication No. US20030018995A1
; GENERAL INFORMATION:
; APPLICANT: Sdwesdtische Saatzuucht Dr. H.R. Spth
; TITLE OF INVENTION: Plants with a modified flower and seed development
; FILE REFERENCE: 23087
; CURRENT APPLICATION NUMBER: US/10/105,021
; CURRENT FILING DATE: 2002-03-22
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Zea mays
US-10-105-021-3

Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      567 TGGGAGGAGGAGATCGA 585
Db      2 TGGGAGGAGGAGATGTA 20

RESULT 1125
US-10-314-578-243
; Sequence 243, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
```

;; PRIOR FILING DATE: 2000-08-23  
;; NUMBER OF SEQ ID NOS: 1145  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 243  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-243

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 64 GGCTGGCGGGCGGGCGCG 82  
Db 1 GGCGCGCGGGCGGGCGCG 19

## RESULT 1126

US-10-040-430-59/c  
;; Sequence 59, Application US/10040430  
;; Publication No. US20030049641A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Crabtree, Gerald R.  
;; APPLICANT: No. US20030049641A1throp, Jeffrey P.  
;; APPLICANT: Ho, Steffan M.  
;; APPLICANT: Plasmagen, William M.

;; TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS  
;; TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING  
;; FILE REFERENCE: APV-008.04  
;; CURRENT APPLICATION NUMBER: US/10/040.430  
;; PRIOR FILING DATE: 2002-01-07  
;; PRIOR APPLICATION NUMBER: US/09/232.346  
;; PRIOR FILING DATE: 1999-01-15  
;; PRIOR APPLICATION NUMBER: 08/507,032  
;; PRIOR FILING DATE: 1995-07-31  
;; PRIOR APPLICATION NUMBER: 08/228,944  
;; PRIOR FILING DATE: 1994-04-18  
;; PRIOR APPLICATION NUMBER: 07/749,385  
;; PRIOR FILING DATE: 1991-08-22  
;; PRIOR APPLICATION NUMBER: 08/260,174  
;; PRIOR FILING DATE: 1994-06-13  
;; PRIOR APPLICATION NUMBER: 08/124,981  
;; PRIOR FILING DATE: 1993-09-20  
;; NUMBER OF SEQ ID NOS: 62  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 59  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Unknown  
;; FEATURE:  
;; OTHER INFORMATION: Description of Unknown Organism: putative NF-AT  
US-10-040-430-59

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 5308 AGTTGTGTTCTCTCTCTT 5326  
Db 20 AGCTGTGTTCTCTCTCTT 2

## RESULT 1127

US-10-112-653-235  
;; Sequence 235, Application US/10112653  
;; Publication No. US20030050268A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Kries, Arthur M.  
;; APPLICANT: Berg, Daniel J.

;; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
;; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
;; FILE REFERENCE: C01039/70060(AWS)  
;; CURRENT APPLICATION NUMBER: US/10/112,653  
;; CURRENT FILING DATE: 2002-03-29  
;; PRIOR APPLICATION NUMBER: US 60/279,642  
;; PRIOR FILING DATE: 2001-03-29  
;; NUMBER OF SEQ ID NOS: 1040  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 235  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-235

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 64 GGCTGGCGGGCGGGCGCG 82  
Db 1 GGCGCGCGGGCGGGCGCG 19

## RESULT 1128

US-10-017-995-243  
;; Sequence 243, Application US/10017995  
;; Publication No. US2003005501A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Bratzler, Robert L.  
;; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
;; FILE REFERENCE: C1037/7025 (HCL/MAT)  
;; CURRENT APPLICATION NUMBER: US/10/017,995  
;; CURRENT FILING DATE: 2001-12-18  
;; PRIOR APPLICATION NUMBER: US 60/255,534  
;; PRIOR FILING DATE: 2000-12-14  
;; PRIOR FILING DATE: 2000-12-14  
;; NUMBER OF SEQ ID NOS: 1093  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 243  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-243

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 64 GGCTGGCGGGCGGGCGCG 82  
Db 1 GGCGCGCGGGCGGGCGCG 19

## RESULT 1129

US-10-209-608-35/c  
;; Sequence 35, Application US/10209608  
;; Publication No. US20030082592A1  
;; GENERAL INFORMATION:  
;; APPLICANT: KURANE, RYUICHIRO  
;; APPLICANT: KANAGAWA, TAKAHIRO  
;; APPLICANT: KAMAGATA, YOICHI  
;; APPLICANT: YAMADA, KAZUTAKA  
;; APPLICANT: YOKOMAKU, TOYOKAZU  
;; APPLICANT: KOTAMA, OSAMU  
;; APPLICANT: FURUSHO, KENTA  
;; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MC  
;; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DA  
;; TITLE OF INVENTION: THE METHOD  
;; FILE REFERENCE: 199953USOXDIY

```
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-35
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```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6681 GTATTATTATATATAT 6699
DB      19 GTTTTATATATATAT 1
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```
RESULT 1130
US-10-083-246A-121
; Sequence 121, Application US/10083246A
; Publication No. US20030152935A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc:feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-121
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      5275 GGGAGCAGTGGCAGCCTC 5293
DB      1 GTGAGCAGTGGCAGTCTC 19
```

```
RESULT 1131
US-10-154-890-5/c
; Sequence 5, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Sigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: IS150540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
```

```
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1e1 Sequence
US-10-154-890-5
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      4463 CTTTTTTTTTTTTTTTTT 4481
DB      19 CTTTTTTTTTTCTCTT 1
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RESULT 1132
US-10-032-585-4081/c
; Sequence 4081, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4081
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7412 TCAGCAGCAGCAGCAGCAG 7430
DB      19 TCAGCTGAGCAGCAGCAG 1
```

```
RESULT 1133
US-10-168-989-35/c
; Sequence 35, Application US/10168989
; Publication No. US20030190631A1
; GENERAL INFORMATION:
; APPLICANT: Chartier-Harlin et al.
; TITLE OF INVENTION: Implication of a known gene named CP2/LSF-LBP-1 in
; FILE REFERENCE: P07660500/BAS
; CURRENT APPLICATION NUMBER: US/10/168,989
; CURRENT FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-168-989-35
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 3670 CACCAACCTCCAGCAGA 3688  
DB 19 CACCAACCTCCAGCAGA 1

RESULT 1134  
US-10-168-989-36  
; Sequence 36, Application US/10168989  
; Publication No. US20030190631A1  
; GENERAL INFORMATION:  
; APPLICANT: Charlier-Harlin et al.  
; TITLE OF INVENTION: Identification of a known gene named CP2/USF-LBP-1 in  
; FILE REFERENCE: P07660S00/BAS  
; CURRENT APPLICATION NUMBER: US/10168,989  
; CURRENT FILING DATE: 2002-06-26  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-168-989-36

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3670 CACCAACCTCCAGCAGA 3688  
DB 2 CACCAACCTCCAGCAGA 20

RESULT 1135  
US-10-148-835-86/c  
; Sequence 86, Application US/10148835  
; Publication No. US20030207380A1  
; GENERAL INFORMATION:  
; APPLICANT: SAITO et al.  
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION  
; FILE REFERENCE: 2185-0648P  
; CURRENT APPLICATION NUMBER: US/10148,835  
; CURRENT FILING DATE: 2002-10-11  
; NUMBER OF SEQ ID NOS: 213  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 86  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Designed  
US-10-148-835-86

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAG 7433  
DB 19 GCAGCAGCAGCAGCAG 1

RESULT 1136  
US-10-399-214-99/c  
; Sequence 99, Application US/10399214  
; Publication No. US20040023914A1  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION

FILE REFERENCE: RTSP-0191  
; CURRENT APPLICATION NUMBER: US/10/399,214  
; CURRENT FILING DATE: 2003-04-11  
; PRIOR APPLICATION NUMBER: 09/690,364  
; PRIOR FILING DATE: 2000-10-16  
; NUMBER OF SEQ ID NOS: 100  
; SEQ ID NO 99  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-399-214-99

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5475 TTTTGTAAAGATTAAT 5493  
DB 20 TTTTGTAAAGATTAAT 2

RESULT 1137  
US-10-274-311-13/c  
; Sequence 13, Application US/10274311  
; Publication No. US2004007571A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freier  
; APPLICANT: Aparna Satchy  
; APPLICANT: Thomas Mcgonigal  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC14A EXPRESSION  
; FILE REFERENCE: R18-0262  
; CURRENT APPLICATION NUMBER: US/10/274,311  
; CURRENT FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-274-311-13

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAG 7433  
DB 20 GCAGCAGCAGCAGCAG 2

RESULT 1138  
US-10-274-387-13/c  
; Sequence 13, Application US/10274387  
; Publication No. US20040077085A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC14A EXPRESSION  
; FILE REFERENCE: R18-0172  
; CURRENT APPLICATION NUMBER: US/10/274,387  
; CURRENT FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-274-387-13

Query Match 0.2%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCACGACGACGACGACG 7433  
Db 20 GCACGACGCTGCACGACCG 2

RESULT 1139

US-10-303-165-60/c

; Sequence 60, Application US/10303165  
; Publication No. US20040101847A1

; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: MODULATION OF NOTCH2 EXPRESSION

; FILE REFERENCE: RTS-0387

; CURRENT APPLICATION NUMBER: US/10/303,165

; CURRENT FILING DATE: 2002-11-22

; NUMBER OF SEQ ID NOS: 152

; SEQ ID NO 60

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-303-165-60

QY 5020 CTCTGGAGGAGGACGCTC 5038  
Db 19 CTCTCGAGGAGGACGCTC 1

RESULT 1140

US-10-688-706-2293

; Sequence 2293, Application US/10688706  
; Publication No. US20040102412A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Bioschat, Kay

; TITLE OF INVENTION: ANTISENSE MODULATION OF GPAT EXPRESSION

; FILE REFERENCE: 01393/1

; CURRENT APPLICATION NUMBER: US/10/688,706

; CURRENT FILING DATE: 2003-10-17

; PRIOR APPLICATION NUMBER: 60/419,268

; NUMBER OF SEQ ID NOS: 3071

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 2293

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: human GPAT antisense

US-10-688-706-2293

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6971 TGAGCTAAAACAAACAG 6989  
Db 2 TGATTAAAAACAAACAG 20

RESULT 1141

US-10-316-243-94/c

; Sequence 94, Application US/10316243  
; Publication No. US2004010147A1

; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie

; APPLICANT: Ravi Jain

; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION

; FILE REFERENCE: RTS-0462

; CURRENT APPLICATION NUMBER: US/10/316,243

; CURRENT FILING DATE: 2002-12-09

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 94

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-316-243-94

QY 6645 AGCCAAAGGACGTTTGG 6663  
Db 19 AGGAAAGGACGTTTGG 1

RESULT 1142

US-10-316-243-165

; Sequence 165, Application US/10316243  
; Publication No. US2004010147A1

; GENERAL INFORMATION:

; APPLICANT: Kenneth W. Dobie

; APPLICANT: Ravi Jain

; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION

; FILE REFERENCE: RTS-0462

; CURRENT APPLICATION NUMBER: US/10/316,243

; CURRENT FILING DATE: 2002-12-09

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 165

; LENGTH: 20

; TYPE: DNA

; ORGANISM: H. sapiens

; FEATURE:

US-10-316-243-165

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6645 AGCCAAAGGACGTTTGG 6663  
Db 2 AGGAAAGGACGTTTGG 20

RESULT 1143

US-10-316-755-19

; Sequence 19, Application US/10316755  
; Publication No. US2004010152A1

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION

; FILE REFERENCE: RTS-0381

; CURRENT APPLICATION NUMBER: US/10/316,755

; CURRENT FILING DATE: 2002-12-10

; NUMBER OF SEQ ID NOS: 277

; SEQ ID NO 19

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-316-755-19

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAG 7433  
DB 1 GCAGCAGCAGCAGCAGCAG 19

RESULT 1144  
US-10-316-755-174/c  
; Sequence 174, Application US/10316755  
; Publication No. US20040110152A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION  
; FILE REFERENCE: R1S-0381  
; CURRENT APPLICATION NUMBER: US/10/316,755  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 277  
; SEQ ID NO 174  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-316-755-174

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCAG 7433  
DB 20 GCAGCAGCAGCAGCAGCAG 2

RESULT 1145  
US-10-679-064-24  
; Sequence 24, Application US/10679064  
; Publication No. US20040126795A1  
; GENERAL INFORMATION:  
; APPLICANT: Yu, Tun-Ping  
; APPLICANT: Hopkine, Nick  
; APPLICANT: Sasaki, Shoji  
; APPLICANT: Wang, Lizhen  
; APPLICANT: Baaslaensen, John  
; APPLICANT: Wilson, Eldon  
; APPLICANT: Mlleham, Alan  
; APPLICANT: Deeb, Nader  
; TITLE OF INVENTION: GENETIC MARKERS ASSOCIATED WITH SCROTAL HERNIAS IN PIGS  
; FILE REFERENCE: P05787US01  
; CURRENT APPLICATION NUMBER: US/10/679,064  
; CURRENT FILING DATE: 2003-10-03  
; PRIOR APPLICATION NUMBER: US 60/416,211  
; PRIOR FILING DATE: 2002-10-03  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Sus scrofa  
US-10-679-064-24

Query Match 0.2%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 9.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2998 CCCCACCCCTACCCCAT 3016  
DB 1 CCCCACCCCTACCCCAT 19

RESULT 1146  
US-09-946-374-105/c  
; Sequence 105, Application US/09946374  
; Publication No. US20030073129A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830P1C1  
; CURRENT APPLICATION NUMBER: US/09/946,374  
; CURRENT FILING DATE: 2001-09-04  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098750  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098803  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098821  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098843  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/099336  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
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; PRIOR FILING DATE: 1998-09-09  
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; PRIOR FILING DATE: 1998-09-09  
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; PRIOR FILING DATE: 1998-09-10  
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; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099763  
; PRIOR FILING DATE: 1998-09-10  
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; PRIOR FILING DATE: 1998-09-10  
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; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
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; PRIOR APPLICATION NUMBER: 60/099815  
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; PRIOR APPLICATION NUMBER: 60/099816  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15

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/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102487
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/ PRIOR APPLICATION NUMBER: 60/102965
/ PRIOR FILING DATE: 1998-10-02
/ PRIOR APPLICATION NUMBER: 60/103258
/ PRIOR FILING DATE: 1998-10-06
/ PRIOR APPLICATION NUMBER: 60/103314
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103315
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/ PRIOR APPLICATION NUMBER: 60/103395
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/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103401
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/ PRIOR APPLICATION NUMBER: 60/103449
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/ PRIOR APPLICATION NUMBER: 60/103711
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/104257
/ PRIOR FILING DATE: 1998-10-14
/ PRIOR APPLICATION NUMBER: 60/104987
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105000
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105002
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105104
/ PRIOR FILING DATE: 1998-10-21
/ PRIOR APPLICATION NUMBER: 60/105169
/ PRIOR FILING DATE: 1998-10-22
/ PRIOR APPLICATION NUMBER: 60/105266
/ PRIOR FILING DATE: 1998-10-22
/ PRIOR APPLICATION NUMBER: 60/105693
/ PRIOR FILING DATE: 1998-10-26
/ PRIOR APPLICATION NUMBER: 60/105694
/ PRIOR FILING DATE: 1998-10-26
/ PRIOR APPLICATION NUMBER: 60/105807
/
Query Match      0.2%  Score 15.8;  DB 1;  Length 21;
Best Local Similarity 89.5%;  Pred. No. 1e+03;
Matches 17;  Conservative 0;  Mismatches 2;  Indels 0;  Gaps 0;

QY      7413  CAGCAGCAGCAGCAGCAGC 7431
      ||| ||||| ||||| |||
DB      20  CAGAGCAACAGCAGCAGC 2

RESULT 1147
US-10-015-395A-105/c
; Sequence 105, Application US/10015395A
; Publication No. US20040073015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David

```



APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC57  
CURRENT APPLICATION NUMBER: US/10/015,395A  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 105  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-395A-105

Query Match 0.2%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGC 7431

DB 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1148  
US-10-006-485A-105/C  
Sequence 105, Application US/10006485A  
Publication No. US20030064062A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC9  
CURRENT APPLICATION NUMBER: US/10/006,485A  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 105  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-395A-105

Prior Filing Date: 1998-09-02  
Prior Application Number: 60/099536  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099596  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099598  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099602  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099642  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099741  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099754  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099763  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099792  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099808  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099812  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099815  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099816  
Prior Filing Date: 1998-09-10  
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Prior Filing Date: 1998-09-15  
Prior Application Number: 60/100388  
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Prior Application Number: 60/100390  
Prior Filing Date: 1998-09-15  
Prior Application Number: 60/100584  
Prior Filing Date: 1998-09-16  
Prior Application Number: 60/100627  
Prior Filing Date: 1998-09-16  
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Prior Application Number: 60/100683  
Prior Filing Date: 1998-09-17  
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Prior Filing Date: 1998-09-17  
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Prior Application Number: 60/100849  
Prior Filing Date: 1998-09-18  
Prior Application Number: 60/100919  
Prior Filing Date: 1998-09-17  
Prior Application Number: 60/100930  
Prior Filing Date: 1998-09-17  
Prior Application Number: 60/101014  
Prior Filing Date: 1998-09-18  
Prior Application Number: 60/101068  
Prior Filing Date: 1998-09-18  
Prior Application Number: 60/101071  
Prior Filing Date: 1998-09-18  
Prior Application Number: 60/101279  
Prior Filing Date: 1998-09-22  
Prior Application Number: 60/101471  
Prior Filing Date: 1998-09-23  
Prior Application Number: 60/101472  
Prior Filing Date: 1998-09-23  
Prior Application Number: 60/101474  
Prior Filing Date: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101475  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101476  
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PRIOR APPLICATION NUMBER: 60/104257  
PRIOR FILING DATE: 1998-10-14  
PRIOR APPLICATION NUMBER: 60/104987  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002

PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 2;

Qy 7413 CAGCAGCAGCAGCAGCAGC 7431  
Db 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1149  
US-10-013-907A-105/C  
Sequence 105, Application US/10013907A  
Publication No. US20030064925A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Bolstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830P1C34  
CURRENT APPLICATION NUMBER: US/10/013.907A  
CURRENT FILING DATE: 2001-12-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 105  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-907A-105

Query Match 0.2%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 2;

Qy 7413 CAGCAGCAGCAGCAGCAGC 7431  
Db 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1150

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US-10-015-499A-105/c
; Sequence 105, Application US/10015499A
; Publication No. US20030065142A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C42
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-499A-105
```

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Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2
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RESULT 1151
US-10-226-254A-105/c
; Sequence 105, Application US/10226254A
; Publication No. US20030224478A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C68
; CURRENT FILING DATE: 2002-08-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-105
```

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PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-254A-105
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Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2
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RESULT 1152
US-10-006-856A-105/c
; Sequence 105, Application US/10006856A
; Publication No. US20030044841A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C14
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-105
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGCAGCAACAGCAGCAGC 2
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RESULT 1153
US-10-006-818A-105/c
; Sequence 105, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1154
US-10-015-393A-105/c
; Sequence 105, Application US/10015393A
; Publication No. US20030069179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1155
US-10-015-869A-105/c
; Sequence 105, Application US/10015869A
; Publication No. US20030073130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C45
; CURRENT APPLICATION NUMBER: US/10/015,869A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1156
US-10-012-121A-105/c
; Sequence 105, Application US/10012121A
; Publication No. US20030073810A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```